

VBA SOURCE CODE BOOK

INCOME TAX MANAGER UPDATED

MONTHLY MEAL PLANNER

Prev. Month This Month Next Month **JANUARY, 2022** Selected Year 2022 Refresh Save Meal Clear Meal

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	Wednesday, January 5, 2022
							TOTAL DAILY CALORIES 959
							BREAKFAST LUNCH DINNER
							SELECT MEAL Pancakes With Syrup
							Calories/Serv. 355
							Category Desserts
							Yields 0:00
							Cook Time 15 mins
							Rating 5
							Nutrition Info Calories: 394, Fat: 25.37g, Carbs: 15.28g, Protein: 26.01g
							Recipe Info Make great pancakes at home with this amazing and simple recipe

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by: *Randy Austin*

ABOUT THE AUTHOR

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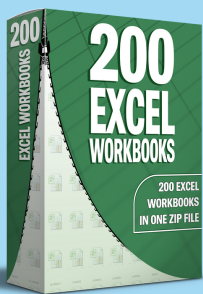
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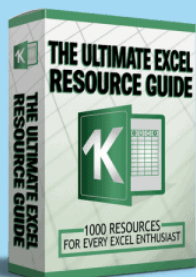
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```
1 Option Explicit
2
3 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
4     If Target.CountLarge > 1 Then Exit Sub
5     'On School Day Change
6     If Not Intersect(Target, Range("L5:L11" )) Is Nothing Then
7         If Target.Value = Empty Then Target.Value = Chr(252) Else Target.ClearContents
8         Range("L4" ).Select
9     End If
10 End Sub
11
```

```

1 Option Explicit
2
3 Sub ests()
4     Application.ScreenUpdating = False
5     Application.ScreenUpdating = True
6 End Sub
7
8 Private Sub Worksheet_Change(ByVal Target As Range)
9     'On Change of recipe, load Recipe Details
10    If Not Intersect(Target, Range("M7" )) Is Nothing Then
11        If Range("M7" ).Value <> Empty Then
12            MealPlan_LoadRecipe
13        Else 'Clear Recipe
14            On Error Resume Next
15            Shapes("RecPic" ).Delete
16            On Error GoTo 0
17            Range("M8:N20" ).ClearContents 'Clear Recepte details
18        End If
19    End If
20
21    'On change of category, get dynamic Recipe list
22    If Not Intersect(Target, Range("M6" )) Is Nothing Then
23        Range("M7:N7" ).ClearContents
24        MealPlan_FilterRecipeByCategory
25    End If
26 End Sub
27
28 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
29     If Target.CountLarge > 1 Then Exit Sub
30
31     'On Meal Selection
32     If Not Intersect(Target, Range("L5:N5" )) Is Nothing Then
33         Range("B11" ).Value = Target.Column 'Place select col # inside B11
34         Range("B12" ).Value = Range("B" & Target.Column + 4).Value 'Set Meal ID (if
35         any)
36         Range("M7" ).Select
37         MealPlan_Load 'Run Macro to Load Meal
38     End If
39
40     'On Any Selected Date
41     If Not Intersect(Target, Range("E4:K45" )) Is Nothing Then
42         Dim DateRow As Long
43         DateRow = Target.Row - (((Target.Row - 4) Mod 7)) 'Determine Row Of Date
44         If Cells(DateRow, Target.Column).Value <> Empty Then
45             Range("B10" ).Value = Cells(DateRow, Target.Column).Value 'Select Date
46             MealPlan_LoadDay 'Run Macro to Load Day Meals (start with breakfast, if any)
47         End If
48     End If
49
50
51 End Sub

```

1 Option Explicit

2

1 Option Explicit

2

1 Option Explicit

2

```
1 Option Explicit
2
3 Private Sub Worksheet_Change(ByVal Target As Range)
4     If Not Intersect(Target, Range("E2" )) Is Nothing And Range("E2" ).Value <> Empty
5         Then Recipe_SearchFilter
6     End Sub
7
8 Private Sub Worksheet_SelectionChange(ByVal Target As Range)
9     If Target.CountLarge > 1 Then Exit Sub
10    If Shapes("RatingToggle" ).Visible = True Then Shapes("RatingToggle" ).Visible =
11    msoFalse
12    If Shapes("RatingGrp" ).Visible = True Then Shapes("RatingGrp" ).Visible = msoFalse
13    If Shapes("DeleteIngBtn" ).Visible = True Then Shapes("DeleteIngBtn" ).Visible =
14    msoFalse
15    If Not Intersect(Target, Range("O4" )) Is Nothing Then Shapes("RatingToggle" ).
16    Visible = msoCTrue
17    If Not Intersect(Target, Range("G12:I9999" )) Is Nothing And Range("I" & Target.Row
18    ).Value <> Empty Then
19        Range("B1" ).Value = Target.Row
20        With Shapes("DeleteIngBtn" )
21            .Left = Recipes.Range("J" & Target.Row).Left
22            .Top = Recipes.Range("J" & Target.Row).Top - 2
23            .Visible = msoCTrue
24        End With
25    Else
26        Range("B1" ).ClearContents
27    End If
28 End Sub
```

1
2

Option Explicit

1
2

Option Explicit

```

1 Option Explicit
2 Dim RecRow As Long, RecCol As Long, MealRow As Long, SelCol As Long, MealTypeRow As
Long, MealCol As Long
3 Dim LastRow As Long, LastResultRow As Long, ResultRow As Long, PlanRow As Long, PlanCol
As Long, CatRow As Long
4 Dim RecFolder As String, FilePath As String, RecPic As String, MealID As String,
RecName As String, RecCat As String
5 Dim TopPos As Double, LeftPos As Double, DayHeight As Double
6 Dim MealDate As Date
7 Dim MealShp As Shape, CatShp As Shape, RecShp As Shape
8 Sub MealPlan_Clear()
9     With MealPlanner
10        If .Range("B13" ).Value = Empty Then GoTo SkipDel
11        MealRow = .Range("B13" ).Value 'Set MealRow
12        MealsDB.Range("B" & MealRow & ":F" & MealRow).ClearContents
13        SkipDel:
14        On Error Resume Next
15        .Shapes("RecPic" ).Delete 'Clear Any Existing Pictures
16        On Error GoTo 0
17        .Range("M7:N20" ).ClearContents 'Clear Meal Fields
18        Planner_Refresh 'Refresh schedule
19    End With
20 End Sub
21
22
23
24 Sub MealPlan_FilterRecipeByCategory()
25     With RecipeDB
26        .Range("AA3:AB999" ).ClearContents 'Clear Previous Results
27        LastRow = .Range("A99999" ).End(xlUp).Row
28        If LastRow < 4 Then Exit Sub
29        .Range("A3:C" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
"Y2:Y3" ), CopyToRange:=.Range("AA2" ), Unique:=True
30    End With
31 End Sub
32
33 Sub MealPlan_Load()
34     With MealPlanner
35        On Error Resume Next
36        .Shapes("RecPic" ).Delete 'Clear Any Existing Pictures
37        On Error GoTo 0
38        .Range("M7:N20" ).ClearContents 'Clear Meal Fields
39        If .Range("B13" ).Value = Empty Then Exit Sub 'Exit on no meal plan
40        MealRow = .Range("B13" ).Value
41        MealID = MealsDB.Range("A" & MealRow).Value 'Meal ID
42        .Range("M7" ).Value = MealsDB.Range("B" & MealRow).Value 'Recipe Name
43        MealTypeRow = MealsDB.Range("F" & MealRow).Value 'set Meal Type Row
44        .Range("B11" ).Value = MealTypeRow - 4
45        .Range("B" & MealTypeRow).Value = MealID 'Set Meal ID for Meal Type
46    End With
47 End Sub
48
49 Sub MealPlan_LoadDay()
50     With MealPlanner
51        On Error Resume Next
52        .Shapes("RecPic" ).Delete 'Clear Any Existing Pictures
53        On Error GoTo 0
54        .Range("B12,B16:B18,M7:N20" ).ClearContents 'Clear Meal Fields
55    End With
56
57     With MealsDB
58        LastRow = .Range("A99999" ).End(xlUp).Row

```

```

1 2
58 If LastRow < 3 Then Exit Sub
59 .Range("A2:F" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
60 "M2:M3" ), CopyToRange:=.Range("P2:U2" ), Unique:=True
61 LastResultRow = .Range("P99999" ).End(xlUp).Row
62 If LastResultRow < 3 Then GoTo NoMeals
63 For ResultRow = 3 To LastResultRow
64     MealTypeRow = .Range("U" & ResultRow).Value 'Set Meal Type Row
65     MealPlanner.Range("B" & MealTypeRow).Value = .Range("P" & ResultRow).Value
66 Next ResultRow
67 End With
68 If MealPlanner.Range("B16" ).Value <> Empty Then MealPlanner.Range("L5" ).Select
69 NoMeals:
70 MealPlanner.Range("M7" ).Select 'Select Meal cell
71 End Sub
72
73 Sub MealPlan_LoadMeal()
74 With MealPlanner
75     MealRow = 0
76     MealID = Replace(Application.Caller, Left(Application.Caller, 7), "" )
77     On Error Resume Next
78     MealRow = MealsDB.Range("Meal_ID" ).Find(MealID, , xlValues, xlWhole).Row
79     On Error GoTo 0
80     If MealRow = 0 Then Exit Sub
81     .Range("B10" ).Value = MealsDB.Range("D" & MealRow).Value 'Set Meal Date
82     MealTypeRow = MealsDB.Range("F" & MealRow).Value 'Set Meal Type Row
83     MealCol = MealTypeRow - 4
84     MealPlan_LoadDay
85     .Cells(5, MealCol).Select
86 End With
87 End Sub
88
89 Sub MealPlan_LoadRecipe()
90 With MealPlanner
91     On Error Resume Next
92     .Shapes("RecPic" ).Delete
93     On Error GoTo 0 'Clear Any Existing Pictures
94     If .Range("B15" ).Value = Empty Then
95         MsgBox "Please select a correct recipe to add details"
96     Exit Sub
97 End If
98 RecRow = .Range("B15" ).Value 'Recipe Row
99 For RecCol = 3 To 7
100     .Cells(RecCol + 6, 13).Value = RecipeDB.Cells(RecRow, RecCol).Value
101 Next RecCol
102 .Range("M8" ).Value = RecipeDB.Range("M" & RecRow).Value 'Calories
103 .Range("M16" ).Value = RecipeDB.Range("H" & RecRow).Value 'Recipe Info
104 'Check For Recipe Picture
105 If RecipeDB.Range("I" & RecRow).Value <> Empty Then
106     If Admin.Range("C4" ).Value = Empty Then GoTo NoPic
107     RecFolder = Admin.Range("C4" ).Value & "\" 'Set recipe folder
108     FilePath = RecFolder & RecipeDB.Range("I" & RecRow).Value 'Recipe Pic Path
109     If Dir(FilePath, vbDirectory) = "" Then GoTo NoPic
110     .Pictures.Insert(FilePath).Name = "RecPic"
111 With .Shapes("RecPic" )
112     .LockAspectRatio = msoCTrue
113     .Width = MealPlanner.Range("L:N" ).Width 'Set same column width
114     .Left = MealPlanner.Range("L21" ).Left 'Set Left Position
115     .Top = MealPlanner.Range("L21" ).Top 'Set top Position
116 End With
117 NoPic:
118 End If

```

1 2

```

1 2
118 End With
119 End Sub
120
121
122 Sub MealPlan_SaveMeal()
123     With MealPlanner
124         If .Range("M7").Value = Empty Then
125             MsgBox "Please make sure to add a meal before saving"
126             .Range("M7").Select
127             Exit Sub
128         End If
129         SelCol = .Range("B11").Value 'Selected Meal Column
130         If .Range("B13").Value = Empty Then
131             MealRow = MealsDB.Range("A99999").End(xlUp).Row + 1 'New Meal Row
132             .Range("B12").Value = .Range("B14").Value 'Set Meal ID
133             MealsDB.Range("A" & MealRow).Value = .Range("B14").Value 'Set Meal ID
134         Else 'Existing Meal
135             MealRow = .Range("B13").Value 'Existing Meal Row
136         End If
137         .Range("B" & SelCol + 4).Value = .Range("B12").Value 'Set Meal ID
138         MealsDB.Range("B" & MealRow).Value = .Range("M7").Value 'Recipe Name
139         MealsDB.Range("C" & MealRow).Value = .Cells(5, SelCol).Value 'Meal Type
140         MealsDB.Range("D" & MealRow).Value = .Range("L3").Value 'Date
141         MealsDB.Range("E" & MealRow).Value = .Range("M8").Value 'Calories
142         MealsDB.Range("F" & MealRow).Value = SelCol + 4 'Set Meal Type Row
143         Planner_Refresh 'Refresh Schedule
144     End With
145 End Sub
146
147
148 Sub MealPlan_ViewRecipe()
149     If MealPlanner.Range("M7").Value = Empty Then
150         MsgBox "Please select a recipe before viewing the recipe details"
151         Exit Sub
152     End If
153     RecName = MealPlanner.Range("M7").Value 'Recipe Name
154     On Error Resume Next
155     RecRow = RecipeDB.Range("Rec_Name").Find(RecName, , xlValues, xlWhole).Row
156     On Error GoTo 0
157     If RecRow = 0 Then
158         MsgBox "Recipe Not Found"
159         Exit Sub
160     End If
161     RecCat = RecipeDB.Range("C" & RecRow).Value 'Set Recipe Category
162     On Error Resume Next
163     CatRow = Admin.Range("Category").Find(RecCat, , xlValues, xlWhole).Row
164     If CatRow = 0 Then
165         MsgBox "Category Not Found"
166         Exit Sub
167     End If
168     For Each CatShp In Recipes.Shapes
169         On Error Resume Next
170         If InStr(CatShp.Name, "RecipeNm") <> 0 Then CatShp.Delete
171         If InStr(CatShp.Name, "CategoryNam") <> 0 Then CatShp.Fill.Transparency = 0.5
172         '50% Transparency
173     Next CatShp
174     Recipes.Shapes("CategoryNam" & CatRow).Fill.Transparency = 0 'Full Color (no
175     Recipes.Range("E2").ClearContents 'Clear Any Searches
176     With RecipeDB

```

1 2


```

177     .Range("P3" ).Value = Admin.Range("B" & CatRow).Value 'Category (Criteria)
178     LastRow = .Range("A99999" ).End(xlUp).Row
179     If LastRow < 3 Then Exit Sub
180     .Range("A3:C" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
181         "P2:P3" ), CopyToRange:=.Range("S2:T2" ), Unique:=True
182     LastResultRow = .Range("S99999" ).End(xlUp).Row
183     If LastResultRow < 3 Then Exit Sub
184     End With
185     With Recipes
186     .Activate
187     RecRow = 4 'Set Intial recipe row
188     For ResultRow = 3 To LastResultRow
189     .Shapes("SampleRecNm" ).Duplicate.Name = "RecipeNm" & ResultRow
190     With .Shapes("RecipeNm" & ResultRow)
191     .Left = Recipes.Range("E" & RecRow).Left
192     .Top = Recipes.Range("E" & RecRow).Top
193     .Width = Recipes.Range("E:E" ).Width
194     .TextFrame2.TextRange.Text = RecipeDB.Range("T" & ResultRow).Value
195     .OnAction = "Recipe_Select" 'Set Macro
196     End With
197     RecRow = RecRow + 1 'Increment Row
198     Next ResultRow
199     On Error Resume Next
200     ResultRow = RecipeDB.Range("T3:T9999" ).Find(RecName, , xlValues, xlWhole).Row
201     On Error GoTo 0
202     For Each RecShp In .Shapes
203     If InStr(RecShp.Name, "RecipeNm" ) > 0 Then RecShp.Fill.Transparency = 0.5
204     Next RecShp
205     .Shapes("RecipeNm" & ResultRow).Fill.Transparency = 0 'Full color (select
206     If .Range("D2" ).Value = "Ingredient" And .Range("E2" ).Value <> Empty Then
207     'Ingredient Search
208     .Range("B2" ).Value = RecIngredDB.Range("Q" & ResultRow).Value 'Set Recipe
209     ID
210     Else 'Recipe search
211     .Range("B2" ).Value = RecipeDB.Range("S" & ResultRow).Value 'Set Recipe ID
212     End If
213     Recipe_Load 'Run macro to load Recipe
214     End With
215     End Sub

```

```

1 Option Explicit
2 Dim RecRow As Long, RecCol As Long, MealRow As Long, SelCol As Long, MealTypeRow As
Long, MealCol As Long
3 Dim LastRow As Long, LastResultRow As Long, ResultRow As Long, PlanRow As Long, PlanCol
As Long, RecRating As Long
4 Dim RecFolder As String, FilePath As String, RecPic As String, MealID As String,
RecName As String
5 Dim TopPos As Double, LeftPos As Double, DayHeight As Double
6 Dim MealDate As Date
7 Dim MealShp As Shape
8
9 Sub Planner_NextMonth()
10 With MealPlanner
11 If .Range("B9").Value = 9 And .Range("B5").Value = 12 Then
12 MsgBox "You are at the last month and last year of the schedule"
13 Exit Sub
14 End If
15 If .Range("B5").Value = 12 Then 'On Current January Month
16 .Range("B9").Value = .Range("B9").Value + 1 'Next Year
17 .Range("B5").Value = 1 'Set To January
18 Else ' Non-December
19 .Range("B5").Value = .Range("B5").Value + 1 'Increase Increment Month
20 End If
21 Planner_Refresh 'Run Macro To Refresh Planner
22 End With
23 End Sub
24
25
26 Sub Planner_PrevMonth()
27 With MealPlanner
28 If .Range("B9").Value = 1 And .Range("B5").Value = 1 Then
29 MsgBox "You are at the first month and first year of the schedule"
30 Exit Sub
31 End If
32 If .Range("B5").Value = 1 Then 'On Current January Month
33 .Range("B9").Value = .Range("B9").Value - 1 'Prev. Year
34 .Range("B5").Value = 12 'Set To December
35 Else ' Non-January
36 .Range("B5").Value = .Range("B5").Value - 1 'Reduce Increment Month
37 End If
38 Planner_Refresh 'Run Macro To Refresh Planner
39 End With
40 End Sub
41 Sub Planner_Refresh()
42 For Each MealShp In MealPlanner.Shapes
43 On Error Resume Next
44 If InStr(MealShp.Name, "MealPic") > 0 Then MealShp.Delete 'Delete All meal
Pictures
45 If InStr(MealShp.Name, "MealNam") > 0 Then MealShp.Delete 'Delete all meal
Names
46 If InStr(MealShp.Name, "MealRating") > 0 Then MealShp.Delete 'Delete all meal
Ratings
47 On Error GoTo 0
48 Next MealShp
49 With MealsDB
50 LastRow = .Range("A99999").End(xlUp).Row
51 If LastRow < 3 Then Exit Sub
52 .Range("A2:F" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
"J2:K3"), CopyToRange:=.Range("P2:U2"), Unique:=True
53 LastResultRow = .Range("P99999").End(xlUp).Row
54 If LastResultRow < 3 Then Exit Sub

```

```

1 2
55 DayHeight = MealPlanner.Range("5:10").Height 'Set 1 Day Height
56 'Set Recipe Folder
57 RecFolder = Admin.Range("C4").Value & "\" 'Set recipe folder
58 For ResultRow = 3 To LastResultRow
59     MealDate = .Range("S" & ResultRow).Value 'Set Meal Date
60     For PlanRow = 4 To 39 Step 7
61         For PlanCol = 5 To 11
62             If MealPlanner.Cells(PlanRow, PlanCol).Value = MealDate Then 'Add Meal
63                 to Day
64                 MealID = .Range("P" & ResultRow).Value 'Meal ID
65                 MealTypeRow = .Range("U" & ResultRow).Value 'Meal Type Row
66                 RecName = .Range("Q" & ResultRow).Value 'Recipe Name
67                 On Error Resume Next
68                 RecRow = RecipeDB.Range("Rec_Name").Find(RecName, , xlValues,
69                     xlWhole).Row
70                 On Error GoTo 0
71                 If RecRow <> 0 Then RecPic = RecipeDB.Range("I" & RecRow).Value
72                 'Get Picture 1 name from Recipe
73                 FilePath = RecFolder & RecPic 'Recipe Pic Path
74                 LeftPos = MealPlanner.Cells(PlanRow, PlanCol).Left 'Set Left
75                 Position
76                 TopPos = MealPlanner.Cells(PlanRow + 1, PlanCol).Top + ((MealTypeRow
77                     - 16) * (DayHeight / 3)) 'Set Top Position
78
79                 'Set Picture
80                 MealPlanner.Shapes("SamplePic").Duplicate.Name = "MealPic" & MealID
81
82                 With MealPlanner.Shapes("MealPic" & MealID)
83                     If Dir(FilePath, vbDirectory) <> "" And RecPic <> "" Then .Fill.
84                         UserPicture FilePath
85                     If MealTypeRow = 17 Then 'Reverse Name & Picture for lunch
86                         .Left = LeftPos + MealPlanner.Shapes("SampleDesc").Width + 1
87                     Else
88                         .Left = LeftPos + 1
89                     End If
90                     .Top = TopPos
91                     .Height = DayHeight / 3 'Set Height
92                 End With
93
94                 'Set Recipe Name
95                 MealPlanner.Shapes("SampleDesc").Duplicate.Name = "MealNam" &
96                 MealID
97                 With MealPlanner.Shapes("MealNam" & MealID)
98                     If MealTypeRow = 17 Then 'Reverse Name & Picture for lunch
99                         .Left = LeftPos + 1
100                     Else
101                         .Left = LeftPos + MealPlanner.Shapes("MealPic" & MealID).Width
102                         + 1
103                     End If
104                     .Top = TopPos
105                     .Height = DayHeight / 3 'Set Height
106                     .TextFrame2.TextRange.Text = RecName 'Set Recipe Name
107                 End With
108
109                 'Set Start Rating
110                 If RecRow <> 0 Then RecRating = Round(RecipeDB.Range("F" & RecRow).
111                     Value, 0) 'Recipe Rating
112                 If RecRating <> 0 Then 'Set Rating
113                     MealPlanner.Shapes(RecRating & "StarRating").Duplicate.Name =
114                     "MealRating" & MealID

```

```

105     1 2 3 4 5 6 7 With MealPlanner.Shapes("MealRating" & MealID)
106     .If MealTypeRow = 17 Then 'Reverse Name & Picture for lunch
107     .Left = LeftPos + 5
108     Else
109     .Left = LeftPos + MealPlanner.Shapes("MealPic" & MealID).
        Width + 5
110     End If
111     .Top = TopPos + 21
112     End With
113     End If
114
115     RecRow = 0 'Reset Receipt row
116
117     End If
118     Next PlanCol
119     Next PlanRow
120     Next ResultRow
121     End With
122
123 End Sub
124
125
126 Sub Planner_ThisMonth()
127     MealPlanner.Range("B5" ).Value = Month(Date)
128     On Error Resume Next
129     MealPlanner.Range("B9" ).Value = MealPlanner.Range("Years" ).Find(Year(Date), ,
        xlFormulas, xlWhole).Row - 19
130     On Error GoTo 0
131     Planner_Refresh 'Run Macro To Refresh Planner
132 End Sub
133
134

```

```

1 Option Explicit
2 Dim RecRow As Long, RecCol As Long, LastRow As Long, LastResultRow As Long, ResultRow
  As Long, RecIngRow As Long
3 Dim StepRow As Long, IngRow As Long, LastIngRow As Long, StepDBRow As Long, IngDBRow As
  Long, PicRow As Long
4 Dim RecPicFolder As String, PicName As String, PicFileName As String, Instruct As
  String, StepNumb As String, StepPicFolder As String, PrintRng As String, FileName As
  String
5 Dim StepPic As FileDialog, RecPic As FileDialog
6 Dim FoundSpace As Range
7 Dim StepShp As Shape
8 Dim OutMail As Object, OutApp As Object
9
10
11
12 Sub Ingredient_Delete()
13     With Recipes
14         If .Range("B1").Value = Empty Then Exit Sub
15         IngRow = .Range("B1").Value 'Ingredient Row
16         LastIngRow = .Range("I999").End(xlUp).Row 'Last Ingredient Row
17         If .Range("Y" & IngRow).Value <> Empty Then
18             IngDBRow = .Range("Y" & IngRow).Value 'Ingredient Database Row
19             If IngRow <> LastIngRow Then 'Loop Through & Update all rows after deleted
20                 ingredient
21                 For RecIngRow = IngRow + 1 To LastIngRow
22                     If .Range("Y" & RecIngRow).Value > IngDBRow Then
23                         RecIngredDB.Range("E" & .Range("Y" & RecIngRow).Value).Value =
24                             RecIngredDB.Range("E" & .Range("Y" & RecIngRow).Value).Value - 1
25                         'Reduce Recipe Ingredient Row by 1
26                         .Range("Y" & RecIngRow).Value = .Range("Y" & RecIngRow).Value - 1
27                         'Reduce DB Row
28                     End If
29                 Next RecIngRow
30             End If
31             If IngDBRow > 3 Then RecIngredDB.Range(IngDBRow & ":" & IngDBRow).Delete
32             'Delete Database Row
33         End If
34         .Range("G" & IngRow & ":I" & IngRow).ClearContents '(Clear ingr. Details)
35         .Range("Y" & IngRow).ClearContents 'Clear DB Row (if any)
36         .Shapes("DeleteIngBtn").Visible = msoFalse 'Hide Delete button
37         Recipe_Save
38         Recipe_LoadIngredients
39     End With
40 End Sub
41
42 Sub Recipe_AddNew()
43     With Recipes
44         'Clear Star Ratings
45         For Each StepShp In .Shapes
46             On Error Resume Next
47             If InStr(StepShp.Name, "StarRating") > 0 Then StepShp.Visible = msoFalse
48             'Clear Rating Shapes
49             If InStr(StepShp.Name, "RecStepNumb") > 0 Then StepShp.Delete 'Clear Step
50             #'s
51             If InStr(StepShp.Name, "RecStepText") > 0 Then StepShp.Delete 'Clear Steps
52             Text
53             If InStr(StepShp.Name, "RecStepPict") > 0 Then StepShp.Delete 'Clear Step
54             Pictures
55             On Error GoTo 0
56         Next StepShp
57         .Range(

```

```

1 2
"E2,B2,B5,B6,B7:B10,B11:B12,A15:B999,B7:B10,K3:M3,K4,M4,K5:O5,K6:O9,K11:O13,L14:N1
4, G12:I999, Y12:Y999" ).ClearContents 'Clear Recipe Fields
49 PicFileName = Admin.Range("C6" ).Value 'Default Recipe Picture
50 If Dir(PicFileName, vbDirectory) <> "" Then .Shapes("PicFrame" ).Fill.
UserPicture (PicFileName)
51 End With
52 End Sub
53
54 Sub Recipe_AddRecPicture()
55 With Recipes
56 If Admin.Range("C4" ).Value = Empty Or Dir(Admin.Range("C4" ).Value, vbDirectory)
= "" Then
57 MsgBox "Please select a folder for all Recipe Pictures in the Admin screen"
58 Exit Sub
59 End If
60 Set FoundSpace = .Range("B6:B10" ).Find("", , xlValues, xlWhole)
61 If FoundSpace Is Nothing Then
62 MsgBox "A maximum of 4 pictures can be added. Please clear a recipe picture
before adding a new one"
63 Exit Sub
64 End If
65 PicRow = FoundSpace.Row 'First Avail. Empty Row
66 If PicRow = 6 Then PicRow = 7 'Ensure correct Row
67 RecPicFolder = Admin.Range("C4" ).Value & "\" 'Step Picture Folder
68 Set RecPic = Application.FileDialog(msoFileDialogFilePicker)
69 With RecPic
70 .Title = "Please select a Recipe picture"
71 .Filters.Add "Picture Files" , "*.jpg,*.png,*.gif" , 1
72 .AllowMultiSelect = False
73 If .Show <> -1 Then GoTo NoSelection
74 FileCopy .SelectedItems(1), RecPicFolder & Dir(.SelectedItems(1)) 'Copy
Recipe Picture into folder
75 Recipes.Range("B" & PicRow).Value = Dir(.SelectedItems(1)) 'Set Picture Name
76 End With
77 .Shapes("PicFrame" ).Fill.UserPicture (RecPicFolder & .Range("B" & PicRow).Value
) 'Set Picture
78 .Range("B5" ).Value = PicRow - 6 'Set Selected Picture Number
79 NoSelection:
80 End With
81 End Sub
82
83 Sub Recipe_ClearPicture()
84 With Recipes
85 If .Range("B5" ).Value <> Empty Then .Range("B" & 6 + .Range("B5" ).Value).
ClearContents
86 PicFileName = Admin.Range("C6" ).Value 'Default Recipe Picture
87 If Dir(PicFileName, vbDirectory) <> "" Then .Shapes("PicFrame" ).Fill.
UserPicture (PicFileName)
88 End With
89 End Sub
90 Sub Recipe_Delete()
91 If MsgBox("Are you sure you want to delete this recipe?" , vbYesNo, "Delete Recipe"
) = vbNo Then Exit Sub
92 If Recipes.Range("B3" ).Value <> Empty Then
93 RecRow = Recipes.Range("B3" ).Value
94 RecipeDB.Range(RecRow & ":" & RecRow).EntireRow.Delete
95 End If
96 Recipe_AddNew
97 End Sub
98

```

```

99 Sub Recipe_Email()
100 With Recipes
101 LastRow = (4 * (.Range("B13").Value - 1)) + 14 'Set Last Row (4 times the # of
Steps) + 14
102 PrintRng = .Range("G3:Q" & LastRow).Address
103 .PageSetup.PrintArea = PrintRng 'Set Print Range
104 FileName = ThisWorkbook.Path & "\ " & .Range("K3").Value & "_" & "Recipe.pdf"
105 If Dir(FileName, vbDirectory) <> "" Then Kill (FileName) 'Delete file if exists

106 .ExportAsFixedFormat xlTypePDF, FileName, , , False
107 Set OutApp = CreateObject("Outlook.Application")
108 Set OutMail = OutApp.createItem(0)
109
110 With OutMail
111 .To = ""
112 .attachments.Add FileName
113 .Subject = Recipes.Range("K3").Value & " " & "Recipe"
114 .body = ""
115 .display 'To send use .Send
116 End With
117 On Error GoTo 0
118 Set OutMail = Nothing
119 End With
120 End Sub

121 Sub Recipe_Load()
122 With Recipes
123 'Clear Star Ratings
124 For Each StepShp In .Shapes
125 On Error Resume Next
126 If InStr(StepShp.Name, "StarRating") > 0 Then StepShp.Visible = msoFalse
'Clear Rating Shapes
127 On Error GoTo 0
128 Next StepShp
129 .Range(
"B5,B6,B7:B10,B11:B12,A15:B999,B7:B10,K3:M3,K4,M4,K5:O5,K6:O9,K11:O13,L14:N14,G12:
I999,Y12:Y999").ClearContents 'Clear Recipe Fields
130 If .Range("B3").Value = Empty Then
131 MsgBox "Pleas select a correct recipe to display"
132 Exit Sub
133 End If
134 RecRow = .Range("B3").Value 'Recipe Row
135 For RecCol = 2 To 12
136 .Range(RecipeDB.Cells(1, RecCol).Value).Value = RecipeDB.Cells(RecRow, RecCol)
.Value 'Load recipe data
137 Next RecCol
138 'Set Rating (if any)
139 If .Range("B6").Value <> "" And IsNumeric(.Range("B6").Value) = True Then
140 .Shapes(.Range("B6").Value & "StarRating").Visible = msoCTrue
141 End If
142
143 'Set Picture 1 or Default Recipt Picture
144 If .Range("B7").Value = Empty Then 'No First Picture
145 PicFileName = Admin.Range("C6").Value 'Set Default Picture
146 Else 'Existing First picture
147 PicFileName = Admin.Range("C4").Value & "\" & .Range("B7").Value 'First
Picture File Name
148 .Range("B5").Value = 1 'Set Selected Picture to #1
149 End If
150 If Dir(PicFileName, vbDirectory) <> "" Then
151 .Shapes("PicFrame").Fill.UserPicture (PicFileName) 'Set Recipe Picture
152 End If

```

1 2

```

1 2
153 End With
154 Recipe_LoadIngredients 'Run Macro to Load Ingredients
155 Recipe_LoadSteps 'Run Macro To Load Steps
156 End Sub
157 Sub Recipe_LoadIngredients()
158 Recipes.Range("B1,G12:I999,Y12:Y999").ClearContents 'Clear existing Ingredients
159 With RecIngredDB 'Get Ingredients
160 LastRow = .Range("A99999").End(xlUp).Row
161 If LastRow < 3 Then Exit Sub
162 .Range("A2:F" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
163 "I2:I3" ), CopyToRange:=.Range("K2:O2" ), Unique:=True
164 LastResultRow = .Range("M99999").End(xlUp).Row
165 If LastResultRow < 3 Then GoTo NoIngred
166 For ResultRow = 3 To LastResultRow
167 IngRow = .Range("N" & ResultRow).Value 'Ingredient Row
168 Recipes.Range("G" & IngRow & ":I" & IngRow).Value = .Range("K" & ResultRow
169 & ":M" & ResultRow).Value 'Load Ingredient
170 Recipes.Range("Y" & IngRow).Value = .Range("O" & ResultRow).Value 'Set DB
171 Row
172 Next ResultRow
173 NoIngred:
174 End With
175 End Sub
176 Sub Recipe_LoadSteps()
177 For Each StepShp In Recipes.Shapes
178 On Error Resume Next
179 If InStr(StepShp.Name, "RecStepNumb" ) > 0 Then StepShp.Delete 'Clear Step #'s
180 If InStr(StepShp.Name, "RecStepText" ) > 0 Then StepShp.Delete 'Clear Steps Text
181 If InStr(StepShp.Name, "RecStepPict" ) > 0 Then StepShp.Delete 'Clear Step
182 Pictures
183 On Error GoTo 0
184 Next StepShp
185 Recipes.Range("B11:B12").ClearContents 'Clear selected Recipes
186 'Load Steps
187 With RecStepsDB
188 StepRow = 15 'Set Intial Step Row
189 LastRow = .Range("A99999").End(xlUp).Row
190 If LastRow < 3 Then Exit Sub
191 Application.ScreenUpdating = False
192 .Range("A2:E" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
193 "G2:G3" ), CopyToRange:=.Range("I2:L2" ), Unique:=True
194 LastResultRow = .Range("I99999").End(xlUp).Row
195 If LastResultRow < 3 Then GoTo NoSteps
196 'Sort Steps (Ascending)
197 With .Sort
198 .SortFields.Clear
199 .SortFields.Add Key:=RecStepsDB.Range("I3" ), SortOn:=xlSortOnValues, Order:=
200 xlAscending, DataOption:=xlSortNormal 'Set Sort Parameters for Descending
201 Sort
202 .SetRange RecStepsDB.Range("I3:L" & LastResultRow)
203 .Apply
204 End With
205 For ResultRow = 3 To LastResultRow
206 StepNumb = .Range("I" & ResultRow).Value 'Step Number
207 Instruct = .Range("J" & ResultRow).Value 'Instruction text
208 Recipes.Range("A" & StepRow).Value = .Range("K" & ResultRow).Value 'Picture
209 File Name
210 PicFileName = Admin.Range("C5").Value & "\" & .Range("K" & ResultRow).Value
211 'Picture Path

```

1 2 3


```

1 2 3
204 StepDBRow = .Range("L" & ResultRow).Value 'Step DB Row
205 Recipes.Range("B" & StepRow).Value = StepDBRow 'Step Database Row
206 Recipes.Shapes("StepSampleText" ).Duplicate.Name = "RecStepText" & StepRow
207
208 'Create Step Directions Text
209 With Recipes.Shapes("RecStepText" & StepRow)
210     .Left = Recipes.Range("K" & StepRow).Left 'Set Left Position
211     .Top = Recipes.Range("K" & StepRow).Top + 2 'Set Top Position
212     .Width = Recipes.Range("K:P" ).Width 'Width of columns K through P
213     .TextFrame2.TextRange.Text = Instruct 'Set Instructions Text
214     .OnAction = "Step_Load"
215 End With
216
217 'Add In Step # Shape
218 Recipes.Shapes("StepSampleNumb" ).Duplicate.Name = "RecStepNumb" & StepRow
219 With Recipes.Shapes("RecStepNumb" & StepRow)
220     .Left = Recipes.Range("K" & StepRow).Left - 5 'Set Left Position
221     .Top = Recipes.Range("K" & StepRow).Top - 1 'Set Top Position
222     .TextFrame2.TextRange.Text = StepNumb 'Set Number Text
223 End With
224
225 'Add Step Picture (if any)
226 If Dir(PicFileName, vbDirectory) <> "" Then
227     Recipes.Pictures.Insert(PicFileName).Name = "RecStepPict" & StepRow
228     With Recipes.Shapes("RecStepPict" & StepRow)
229         .LockAspectRatio = msoFalse
230         .Left = Recipes.Range("Q" & StepRow).Left
231         .Top = Recipes.Range("Q" & StepRow).Top + 2
232         .Width = 70
233         .Height = Recipes.Shapes("RecStepText" & StepRow).Height 'Set Height
234         same as Text box
235     End With
236 End If
237 StepRow = StepRow + 4 'Increment StepRow
238 Next ResultRow
239 End With
240 NoSteps:
241 Application.ScreenUpdating = True
242 End Sub
243
244 Sub Recipe_Print()
245     With Recipes
246         LastRow = (4 * (.Range("B13" ).Value - 1)) + 14 'Set Last Row (4 times the # of
247         Steps) + 14
248         PrintRng = .Range("G3:Q" & LastRow).Address
249         .PageSetup.PrintArea = PrintRng 'Set Print Range
250         .PrintOut , , , True, , , False
251     End With
252 End Sub
253
254 Sub Recipe_Save()
255     With Recipes
256         If .Range("K3" ).Value = Empty Or .Range("O3" ).Value = Empty Then
257             MsgBox "Please make sure recipes contain both a Name & Category"
258             Exit Sub
259         End If
260         If .Range("B3" ).Value = Empty Then 'New recipe
261             RecRow = RecipeDB.Range("A99999" ).End(xlUp).Row + 1 'First Avail. Row
262             .Range("B2" ).Value = .Range("B4" ).Value 'Next Rec. ID

```

```

1 2 3
263 RecipeDB.Range("A" & RecRow).Value = .Range("B4" ).Value 'Next Rec. ID
264 Else 'Existing Recipe
265 RecRow = .Range("B3" ).Value 'Recipe Row
266 End If
267 For RecCol = 2 To 12
268 RecipeDB.Cells(RecRow, RecCol).Value = .Range(RecipeDB.Cells(1, RecCol).Value)
    .Value 'Save Data
269 Next RecCol
270
271 'Save Ingredients
272 LastIngRow = .Range("I999" ).End(xlUp).Row 'Last Ingredient Row
273 If LastIngRow < 12 Then GoTo NoIng
274 For IngRow = 12 To LastIngRow
275 If .Range("I" & IngRow).Value = Empty Then GoTo SkipIng
276 If .Range("Y" & IngRow).Value = Empty Then 'New Ingredient
277 IngDBRow = RecIngredDB.Range("A99999" ).End(xlUp).Row + 1 'First Avail.
    Row
278 RecIngredDB.Range("A" & IngDBRow).Value = .Range("B2" ).Value 'Recipe ID
279 RecIngredDB.Range("E" & IngDBRow).Value = IngRow 'Ingredient Recipe Row
280 RecIngredDB.Range("F" & IngDBRow).Value = "=Row()" 'Ingredient Database
    Row
281 .Range("Y" & IngRow).Value = IngDBRow 'Ingredident DB Row
282 Else ' Existing Ingredient
283 IngDBRow = .Range("Y" & IngRow).Value
284 End If
285 RecIngredDB.Range("B" & IngDBRow & ":D" & IngDBRow).Value = .Range("G" &
    IngRow & ":I" & IngRow).Value 'Ingredent Details
286 SkipIng:
287 Next IngRow
288 '(Recipe Steps are saved when created or updated)
289 NoIng:
290 MsgBox "Recipe Saved"
291 End With
292 End Sub
293 Sub Step_BrowsePic()
294 If Admin.Range("C5" ).Value = Empty Or Dir(Admin.Range("C5" ).Value, vbDirectory) =
    "" Then
295 MsgBox "Please select a folder for all Step Pictures in the Admin screen"
296 Exit Sub
297 End If
298 StepPicFolder = Admin.Range("C5" ).Value & "\" 'Step Picture Folder
299 Set StepPic = Application.FileDialog(msoFileDialogFilePicker)
300 With StepPic
301 .Title = "Please select a Recipe Step picture"
302 .Filters.Add "Picture Files" , "*.jpg,*.png,*.gif" , 1
303 .AllowMultiSelect = False
304 If .Show <> -1 Then GoTo NoSelection
305 FileCopy .SelectedItems(1), StepPicFolder & Dir(.SelectedItems(1)) 'Copy Step
    Picture into folder
306 Recipes.Range("L14" ).Value = Dir(.SelectedItems(1))
307 End With
308 NoSelection:
309 End Sub
310
311 Sub Step_Delete()
312 With Recipes
313 If .Range("B12" ).Value <> Empty Then 'Step Saved
314 If MsgBox("Are you sure you want to remove this step" , vbYesNo, "Remove
    Step" ) = vbNo Then Exit Sub
315 StepRow = .Range("B12" ).Value 'StepRow

```

```

1 2 3
316 StepDBRow = .Range("B" & StepRow).Value 'Set Database Row
317 RecStepsDB.Range(StepDBRow & ":" & StepDBRow).EntireRow.Delete
318 End If
319 .Range("K11:O13,L14:N14" ).ClearContents
320 Recipe_LoadSteps
321 End With
322 End Sub
323
324 Sub Step_Load()
325 With Recipes
326 StepRow = Replace(Application.Caller, "RecStepText" , "" )
327 .Range("K11" ).Value = .Shapes(Application.Caller).TextFrame2.TextRange.Text
328 .Range("L14" ).Value = .Range("A" & StepRow).Value 'Set Picture File
329 .Range("B11" ).Value = RecStepsDB.Range("B" & .Range("B" & StepRow).Value).
Value 'Step Database Row
330 .Range("B12" ).Value = StepRow 'Step Row
331 End With
332 End Sub
333 Sub Step_Save()
334 With Recipes
335 If .Range("B3" ).Value = Empty Then 'Adding Steps to saved recipe
336 MsgBox "Please save this recipe before adding steps"
337 Exit Sub
338 End If
339
340 If .Range("K11" ).Value = Empty Then
341 MsgBox "Please make sure to add some step directions before saving the step"
342 Exit Sub
343 End If
344 If .Range("B12" ).Value = Empty Then 'New step
345 StepDBRow = RecStepsDB.Range("A99999" ).End(xlUp).Row + 1
346 StepRow = .Range("A999" ).End(xlUp).Row + 4 'Next Avail. Recipe Step Row
347 RecStepsDB.Range("A" & StepDBRow).Value = .Range("B2" ).Value 'Recipe ID
348 RecStepsDB.Range("B" & StepDBRow).Value = .Range("B13" ).Value 'Next Step #
349 RecStepsDB.Range("E" & StepDBRow).Value = "=Row()"
350 .Range("A" & StepRow).Value = .Range("L14" ).Value 'Picture Name
351 .Range("B" & StepRow).Value = StepDBRow 'Step DB Row
352 Else 'Existing Step
353 StepRow = .Range("B12" ).Value 'Step Row
354 StepDBRow = .Range("B" & StepRow).Value 'Step DB Row
355 End If
356 RecStepsDB.Range("C" & StepDBRow).Value = .Range("K11" ).Value 'Instructions
Text
357 RecStepsDB.Range("D" & StepDBRow).Value = .Range("L14" ).Value 'Step Picture
358 .Range("K11:O13,L14:N14" ).ClearContents 'Clear Step details & picture
359 End With
360 Recipe_LoadSteps 'Run Macro To reload steps
361 End Sub

```

```

1 Option Explicit
2 Dim SelPicNum As Long, PicRow As Long, CatRow As Long, LastCatRow As Long, RecCatRow
  As Long
3 Dim LastRow As Long, LastResultRow As Long, ResultRow As Long, RecRow As Long
4 Dim RecPicFolder As String, PicName As String, PicFileName As String, CatFolder As
  String
5 Dim CatShp As Shape, RecShp As Shape, StepShp As Shape, RateShp As Shape
6
7
8 Sub BuildCategoryMenu()
9     If Admin.Range("C3").Value = Empty Or Dir(Admin.Range("C3").Value, vbDirectory) =
10        "" Then
11         MsgBox "Please select or add a correct category picture folder in the Admin
12            screen"
13         Exit Sub
14     End If
15     CatFolder = Admin.Range("C3").Value & "\" 'Category Folder
16     LastCatRow = Admin.Range("B34").End(xlUp).Row 'Last Category Row
17     If LastCatRow < 9 Then
18         MsgBox "Please make sure to add some categories in the Admin screen"
19         Exit Sub
20     End If
21     With Recipes
22         For Each CatShp In .Shapes
23             If InStr(CatShp.Name, "Category") <> 0 Then CatShp.Delete
24         Next CatShp
25         RecCatRow = 4 'Set Intial Recipe Category Row
26         For CatRow = 9 To LastCatRow
27             PicName = Admin.Range("C" & CatRow).Value 'File Picture Name
28             PicFileName = CatFolder & PicName 'File Picture Path
29             If Dir(PicFileName, vbDirectory) = "" Then GoTo NextCat 'Check For correct
30                Picture
31             .Shapes("CatSamplePic").Duplicate.Name = "CategoryPic" & CatRow
32             With .Shapes("CategoryPic" & CatRow)
33                 .Left = Recipes.Range("D4").Left + 16 'Set Left Pos.
34                 .Top = Recipes.Range("D" & RecCatRow).Top 'Set Top Pos
35                 .Fill.UserPicture (PicFileName) 'Fill with Picture
36                 .OnAction = "Category_Select"
37             End With
38             NextCat:
39             .Shapes("CatSampleName").Duplicate.Name = "CategoryNam" & CatRow
40             With .Shapes("CategoryNam" & CatRow)
41                 .Left = Recipes.Range("D4").Left 'Set Left Pos
42                 .Top = Recipes.Range("D" & RecCatRow).Top + Recipes.Shapes("CategoryPic"
43                    & CatRow).Height + 1 'Set Top Pos Text box
44                 .TextFrame2.TextRange.Text = Admin.Range("B" & CatRow).Value 'Set Text
45                 .OnAction = "Category_Select"
46             End With
47             RecCatRow = RecCatRow + 5
48         Next CatRow
49     End With
50 End Sub
51
52 Sub Category_Select()
53     CatRow = Replace(Application.Caller, Left(Application.Caller, 11), "" ) 'Extract
54     Category Row From Shape Name
55     For Each CatShp In Recipes.Shapes
56         On Error Resume Next
57         If InStr(CatShp.Name, "RecipeNm") <> 0 Then CatShp.Delete
58         If InStr(CatShp.Name, "CategoryNam") <> 0 Then CatShp.Fill.Transparency = 0.5
59         '50% Transparency

```

```

1 2
54 On Error GoTo 0
55 Next CatShp
56 Recipes.Shapes("CategoryNm" & CatRow).Fill.Transparency = 0 'Full Color (no
transparency)
57 Recipes.Range("E2" ).ClearContents 'Clear Any Searches
58 With RecipeDB
59 .Range("P3" ).Value = Admin.Range("B" & CatRow).Value 'Category (Criteria)
60 LastRow = .Range("A99999" ).End(xlUp).Row
61 If LastRow < 3 Then Exit Sub
62 .Range("A3:C" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
"P2:P3" ), CopyToRange:=.Range("S2:T2" ), Unique:=True
63 LastResultRow = .Range("S99999" ).End(xlUp).Row
64 If LastResultRow < 3 Then Exit Sub
65 RecRow = 4 'Set Intial recipe row
66 For ResultRow = 3 To LastResultRow
67 Recipes.Shapes("SampleRecNm" ).Duplicate.Name = "RecipeNm" & ResultRow
68 With Recipes.Shapes("RecipeNm" & ResultRow)
69 .Left = Recipes.Range("E" & RecRow).Left
70 .Top = Recipes.Range("E" & RecRow).Top
71 .Width = Recipes.Range("E:E" ).Width
72 .TextFrame2.TextRange.Text = RecipeDB.Range("T" & ResultRow).Value
73 .OnAction = "Recipe_Select" 'Set Macro
74 End With
75 RecRow = RecRow + 1 'Increment Row
76 Next ResultRow
77 End With
78 End Sub
79
80 Sub Rating_Select()
81 Dim RateLev As Long
82 RateLev = Replace(Application.Caller, "Rating" , "" )
83 For Each RateShp In Recipes.Shapes
84 If InStr(RateShp.Name, "StarRating" ) > 0 Then RateShp.Visible = msoFalse 'Hide
all Ratings
85 Next RateShp
86 Recipes.Shapes(RateLev & "StarRating" ).Visible = msoCTrue
87 Recipes.Range("B6" ).Value = RateLev 'Set Rate Level
88 Recipes.Shapes("RatingGrp" ).Visible = msoFalse
89 Recipes.Shapes("RatingToggle" ).Visible = msoFalse
90 End Sub
91
92
93 Sub Rating_Toggle()
94 If Recipes.Shapes("RatingGrp" ).Visible = True Then Recipes.Shapes("RatingGrp" ).
Visible = msoFalse Else Recipes.Shapes("RatingGrp" ).Visible = msoCTrue
95 End Sub
96
97 Sub Recipe_SearchFilter()
98 For Each CatShp In Recipes.Shapes 'Clear Existing Categories
99 On Error Resume Next
100 If InStr(CatShp.Name, "RecipeNm" ) <> 0 Then CatShp.Delete
101 On Error GoTo 0
102 Next CatShp
103
104 If Recipes.Range("D2" ).Value = "Recipe Name" Then 'Search by Name
105 With RecipeDB
106 LastRow = .Range("A99999" ).End(xlUp).Row
107 If LastRow < 3 Then Exit Sub
108 .Range("A3:C" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
"Q2:Q3" ), CopyToRange:=.Range("S2:T2" ), Unique:=True
109 LastResultRow = .Range("S99999" ).End(xlUp).Row

```

```

1 2 3
110 If LastResultRow < 3 Then
111     MsgBox "No Results Found"
112     Exit Sub
113 End If
114 RecRow = 4 'Set Intial recipe row
115 For ResultRow = 3 To LastResultRow
116     Recipes.Shapes("SampleRecNm" ).Duplicate.Name = "RecipeNm" & ResultRow
117     With Recipes.Shapes("RecipeNm" & ResultRow)
118         .Left = Recipes.Range("E" & RecRow).Left
119         .Top = Recipes.Range("E" & RecRow).Top
120         .Width = Recipes.Range("E:E" ).Width
121         .TextFrame2.TextRange.Text = RecipeDB.Range("T" & ResultRow).Value
122         .OnAction = "Recipe_Select" 'Set Macro
123     End With
124     RecRow = RecRow + 1 'Increment Row
125 Next ResultRow
126 End With
127 Else: 'Search by Ingredient
128     With RecIngredDB
129         .Range("Q3:R9999" ).ClearContents
130         LastRow = .Range("A9999" ).End(xlUp).Row
131         If LastRow < 3 Then Exit Sub
132         .Range("A2:D" & LastRow).AdvancedFilter xlFilterCopy, CriteriaRange:=.Range(
133             "H2:H3" ), CopyToRange:=.Range("Q2" ), Unique:=True
134         LastResultRow = .Range("Q9999" ).End(xlUp).Row
135         If LastResultRow < 3 Then
136             MsgBox "No Results Found"
137             Exit Sub
138         End If
139         .Range("R3:R" & LastResultRow).Formula = .Range("R1" ).Formula 'Bring Over
140         recipe Name Formula
141         RecRow = 4 'Set Intial recipe row
142         For ResultRow = 3 To LastResultRow
143             Recipes.Shapes("SampleRecNm" ).Duplicate.Name = "RecipeNm" & ResultRow
144             With Recipes.Shapes("RecipeNm" & ResultRow)
145                 .Left = Recipes.Range("E" & RecRow).Left
146                 .Top = Recipes.Range("E" & RecRow).Top
147                 .Width = Recipes.Range("E:E" ).Width
148                 .TextFrame2.TextRange.Text = RecIngredDB.Range("R" & ResultRow).Value
149                 'Recipe name
150                 .OnAction = "Recipe_Select" 'Set Macro
151             End With
152             RecRow = RecRow + 1 'Increment Row
153         Next ResultRow
154     End With
155 End If
156 End Sub
157 Sub Recipe_Select()
158     With Recipes
159         ResultRow = Replace(Application.Caller, "RecipeNm" , "" ) 'Extract Result Row
160         For Each RecShp In .Shapes
161             If InStr(RecShp.Name, "RecipeNm" ) > 0 Then RecShp.Fill.Transparency = 0.5
162         Next RecShp
163         .Shapes("RecipeNm" & ResultRow).Fill.Transparency = 0 'Full color (select
164         Recipe)
165         If .Range("D2" ).Value = "Ingredient" And .Range("E2" ).Value <> Empty Then
166             'Ingredient Search
167             .Range("B2" ).Value = RecIngredDB.Range("Q" & ResultRow).Value 'Set Recipe
168             ID
169         Else 'Recipe search
170             .Range("B2" ).Value = RecipeDB.Range("S" & ResultRow).Value 'Set Recipe ID

```

```

165     1 2 3
166         End If
167         Recipe_Load 'Run macro to load Recipe
168     End With
169 End Sub
170 Sub RecipPicture_Next()
171     With Recipes
172         RecPicFolder = Admin.Range("C4" ).Value & "\" 'Recipe Picture Folder
173         If Dir(RecPicFolder, vbDirectory) = "" Then
174             MsgBox "Please set a correct Recipe Picture folder in the Admin screen"
175             Exit Sub
176         End If
177
178         SelPicNumb = .Range("B5" ).Value 'Selected Picture Number
179         If SelPicNumb = 4 Then SelPicNumb = 1 Else SelPicNumb = SelPicNumb + 1 'Reset on
180         Last Picture
181         PicRow = SelPicNumb + 6 'Selected Picture Row
182         If .Range("B" & PicRow).Value = "" Then PicRow = 7 'Set to First Picture
183         PicName = .Range("B" & PicRow).Value 'Picture Name
184         PicFileName = RecPicFolder & PicName 'Set Picture FileName
185         If Dir(PicFileName, vbDirectory) = "" Or PicName = "" Then
186             PicFileName = Admin.Range("C6" ).Value 'Default picture
187             If Dir(PicFileName, vbDirectory) = "" Or PicName = "" Then
188                 MsgBox "Picture does not exist within the picture folder"
189                 Exit Sub
190             End If
191         End If
192         .Shapes("PicFrame" ).Fill.UserPicture (PicFileName)
193         .Range("B5" ).Value = SelPicNumb 'Update Selected Pic Number
194     End With
195 End Sub
196 Sub RecipPicture_Prev()
197     With Recipes
198         RecPicFolder = Admin.Range("C4" ).Value & "\" 'Recipe Picture Folder
199         If Dir(RecPicFolder, vbDirectory) = "" Then
200             MsgBox "Please set a correct Recipe Picture folder in the Admin screen"
201             Exit Sub
202         End If
203
204         SelPicNumb = .Range("B5" ).Value
205         If SelPicNumb = 1 Then SelPicNumb = 4 Else SelPicNumb = SelPicNumb - 1 'Reset
206         on First Picture or subtract 1
207         PicRow = SelPicNumb + 6 'Selected Picture Row
208         If .Range("B" & PicRow).Value = "" Then PicRow = .Range("B10" ).End(xlUp).Row
209         'Set To First 'Picture Name
210         PicName = .Range("B" & PicRow).Value 'Picture Name
211         PicFileName = RecPicFolder & PicName 'Set Picture FileName
212         If Dir(PicFileName, vbDirectory) = "" Or PicName = "" Then 'Use Default
213         Picture
214             PicFileName = Admin.Range("C6" ).Value 'Default picture
215             If Dir(PicFileName, vbDirectory) = "" Or PicName = "" Then
216                 MsgBox "Picture does not exist within the picture folder"
217                 Exit Sub
218             End If
219         End If
220         .Shapes("PicFrame" ).Fill.UserPicture (PicFileName)
221         .Range("B5" ).Value = SelPicNumb 'Update Selected Pic Number
222     End With
223 End Sub

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