Short Trips Web Page Specs

* The page will be called from inside First Application
* This page is bilingual but the first iteration is in Arabic only
* The employee code (@empCode) will passed to the page
* The page will connect to the database procedures with the employee code to retrieve information about:

| # | Topic | DB Stored Procedure |
| --- | --- | --- |
| 1 | Application Policy | P\_GET\_STRIP\_POLICY @empCode |
| 2 | Employee Information | P\_GET\_EMPLOYEE @lang, @empCode |
| **3** | Family Members | P\_GET\_STRIP\_EMP\_FAMILY @lang, @empCode |
| 4 | Available Cities | P\_GET\_STRIP\_CITIES @lang |
| 5 | Available Hotels | P\_GET\_STRIP\_HOTEL @lang, @city |
| **6** | Room Types and Prices for each day | P\_GET\_STRIP\_HOTEL\_ROOMS @hotelCode |
| 7 | Transportation Allowance | P\_GET\_STRIP\_TRANS\_ALLOWANC  @lang, @city, @empCode |

# **Page Initialization**

1. **Load Policy Setting**
2. Execute P\_GET\_STRIP\_POLICY @empCode to get the policy for this employee
3. The procedure will return one row and several columns
4. Save all columns in variables
5. **Load Employee Info**
6. Execute P\_GET\_EMPLOYEE @lang, @empCode (@lang [Arabic=true, English=false])
7. **Load Companions Info**
   1. Execute P\_GET\_STRIP\_EMP\_FAMILY @lang, @empCode to get all family members
   2. Load all records returned from the procedure in 4 columns and 3 rows
   3. The procedure will return max 12 rows
   4. Count of the selected companions <= POLICY\_STRIP\_MAXCOMPAN
8. **Load Cities**
9. Execute P\_GET\_STRIP\_CITIES @lang to get all the available cites for the short trips
10. **Build Hotels Section:**
11. Create hotel selection frames = POLICY\_STRIP\_MAXHOTELS
12. The page will display 3 columns of hotel selection frames in one row, any new hotels will be displayed in a new row.

# **Hotels Selection Scenario:**

| # | User Action | System Behaviour |
| --- | --- | --- |
| 1 | Select a City | Execute P\_GET\_STRIP\_TRANS\_ALLOWANC @lang, @city and update Transportation Allowance edit box with the returned value |
| Execute P\_GET\_STRIP\_HOTEL @city to get all available hotels for the selected city. |
| 2 | Select Hotel | Put the selected hotel name and image in the page. |
| 3 | Specify Rooms | The sum of the selected rooms count should be <= Selected Companions + 1 (The employee) |
| 4 | Select Date | Show the calendar from starting from the date POLICY\_STRIP\_STARTDATE to the date POLICY\_STRIP\_ENDDATE |
| Execute P\_GET\_STRIP\_HOTEL\_ROOMS @hotelCode and display tooltip for each selected room types, prices and the extra bed price |
| Display all room type and prices if no room type selected |
| Write the total cost and the discounted cost for each room type at the end of each frame  SUM((Room Type Count \* Room Type Price) +  (Extra Bed Count \* Extra Bed Price))  Display the Employee Contribution% POLICY\_STRIP\_EMP\_CONT beside the discounted cost |

# Press Submit:

1. Execute the stored procedure

P\_STRIP\_SUBMIT\_FAMILY @empCode, @familyMembersIDs

@familyMembersIDs = All the selected Companions ID’s separated with |

Ex. P\_STRIP\_SUBMIT\_FAMILY ‘E001’,‘E001-01|E001-02|E001-03|E001-04’

2. Execute the stored procedure

P\_STRIP\_SUBMIT\_HOTEL @empCode, @hotelCode, @selectedDate, @roomsCount

@roomsCount =

SRoomCount, ReqExBedSRoomCount |

DRoomCount, ReqExBedDRoomCount |

TRoomCount, ReqExBedTRoomCount |

FRRoomCount, ReqExBedFRRoomCount |

FSRoomCount, ReqExBedFSRoomCount |

JRoomCount, ReqExBedJRoomCount

3. Execute the stored procedure and get the result

P\_STRIP\_SUBMIT\_CHECK @empCode

If the result equal to 1 then the trip submitted successfully otherwise show the return error message

| P\_GET\_STRIP\_POLICY @empCodeReturned Resultset (One Record) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | POLICY\_STRIP\_MAXHOTELS | Integer | Max. No. of Hotels Selections |
| 2 | POLICY\_STRIP\_MAXCOMPAN | Integer | Max. No. of Companions |
| 4 | POLICY\_STRIP\_STARTDATE | Date | Short Trips Start Date |
| 5 | POLICY\_STRIP\_ENDDATE | Date | Short Trips End Date |
| 6 | POLICY\_STRIP\_CLOSINGDATE | Date | Closing Date |
| 7 | POLICY\_STRIP\_EMP\_CONT | Integer | Employee Contribution% |

| P\_GET\_EMPLOYEE @lang, @empCodeReturned Resultset (One Record) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | EMPLOYEE\_CODE | varchar(50) | Employee No. |
| 2 | EMPLOYEE\_NAME | varchar(100) | Employee Name |

| P\_GET\_STRIP\_EMP\_FAMILY @lang, @empCodeReturned Resultset (Multi Records) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | EMPFAMILY\_RELATIVEID | varchar(50) | ID |
| 2 | EMPFAMILY\_NAME | varchar(100) | Family Member Name |
| 3 | EMPFAMILY\_RELTYPE | varchar(2) | Relation Type   | **EN** | **AR** | **Code** | | --- | --- | --- | | **Wife /Husband** | **زوج/زوجة** | **WH** | | **Father** | **أب** | **F** | | **Mother** | **أم** | **M** | | **Son** | **ابن** | **SN** | | **Daughter** | **ابنة** | **D** | | **Brother** | **أخ** | **B** | | **Sister** | **أخت** | **SS** | |

| P\_GET\_STRIP\_CITIES @langReturned Resultset (Multi Record) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | CITY\_CODE | varchar(50) | City Code |
| 2 | CITY\_NAME | varchar(100) | City Name |

| P\_GET\_STRIP\_TRANS\_ALLOWANC @lang, @city, @empCodeReturned Resultset (One Record) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | TRANS\_ALLOWANC | varchar(20) | Transportation Allowance Value |

| P\_GET\_STRIP\_HOTEL @lang, @cityReturned Resultset (Multi Records) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | HOTEL\_CODE | varchar(50) | Hotel Code |
| 2 | HOTEL\_NAME | varchar(100) | Hotel Name |
| 3 | HOTEL\_PIC | image | Hotel Picture |

| P\_GET\_STRIP\_HOTEL\_ROOMS @hotelCodeReturned Resultset (Multi Records) | | | |
| --- | --- | --- | --- |
| # | Field Name | Type | Comments |
| 1 | ROOM\_TYPE | varchar(2) | Room Type   | **EN** | **AR** | **Code** | | --- | --- | --- | | **Single** | **فردي** | **S** | | **Double** | **مزدوج** | **D** | | **Trible** | **ثلاثي** | **T** | | **Family Room** | **غرفة عائلية** | **FR** | | **Family Suite** | **جناح عائلي** | **FS** | | **Joiner Suite** | **جناح ملحق** | **J** | |
| 2 | PRICE\_DATE | Date | Date |
| 3 | ROOM\_PRICE | Integer | Room Price of the date above |
| 4 | EXTRA\_BEDS\_COUNT | Integer | Extra Beds Count |
| 5 | EXTRA\_BED\_PRICE | Integer | Extra Bed Price of the date above |