



HOTEL MANAGEMENT PROJECT USING LIGHTNING AURA COMPONENT (LAC)

2021





Table of Contents

PROJECT WORK: STORY 1	3
PROJECT WORK: STORY 2	6
PROJECT WORK: STORY 3	10
PROJECT WORK: STORY 4	19



PROJECT WORK: STORY 1

Executive Summary:

Thank you so much for giving us time for Meeting.

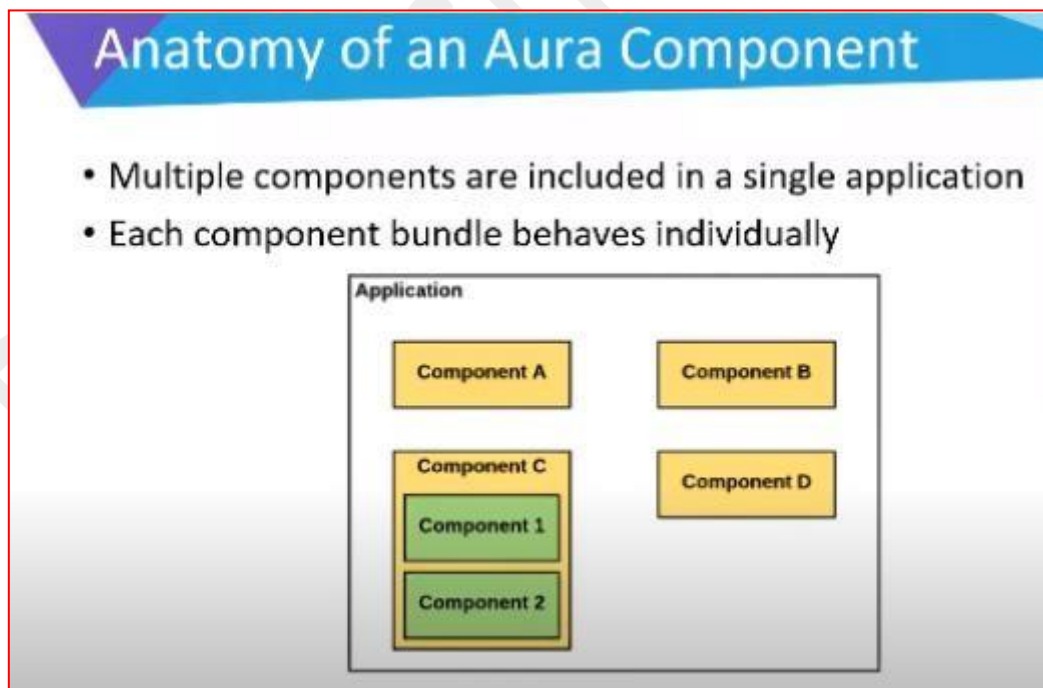
Intelogik has prepared solution as per your requirements.

Intelogik has provided proposed Solution for your Requirement.

SALESFORCE Platform with Lightning Aura Component is Solution

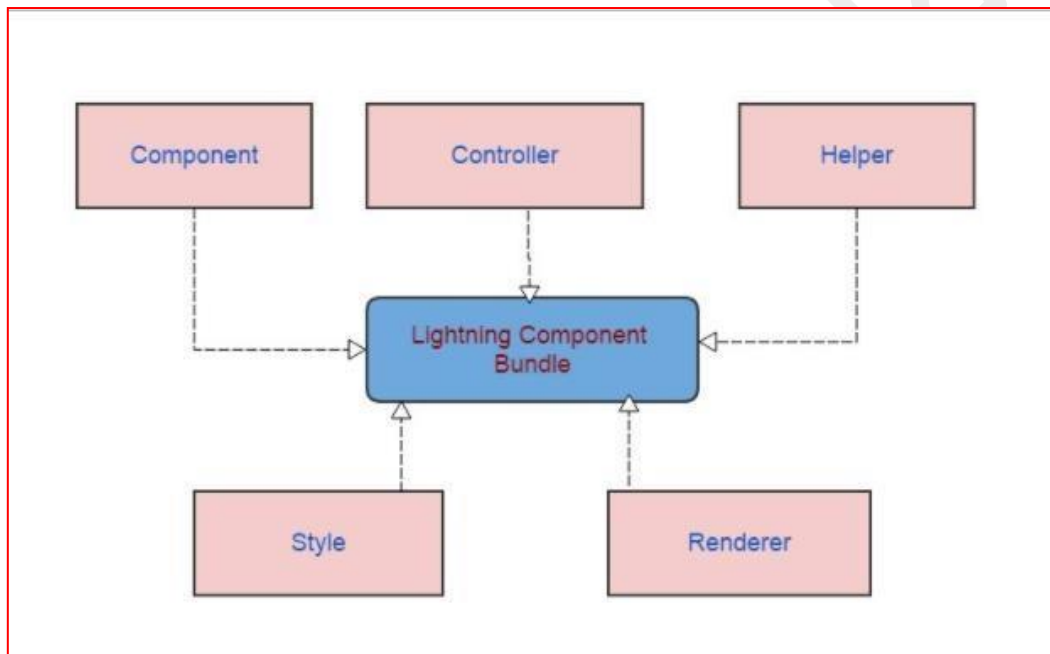
LIGHTENING AURA COMPONENT:

- AURA is framework on which we run Lightning code.
- AURA components are the self-contained and reusable units of an app.





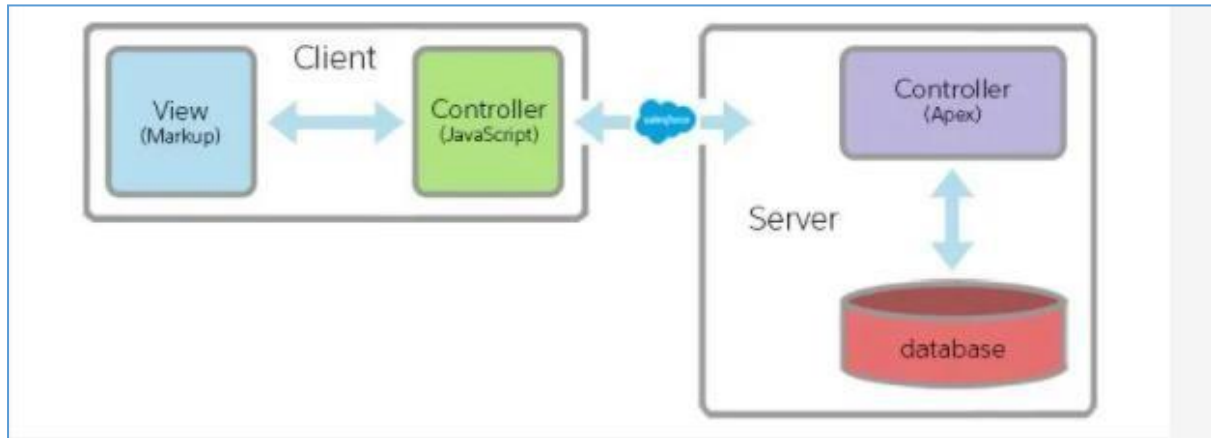
- AURA is Component centric platform
- AURA uses JavaScript at Client Side and APEX at Server Side which is powerful combination.
- AURA has Responsive User Interface.



- AURA is a user interface framework that develops single-page applications on the Salesforce platform.
- AURA develops reusable component units in the form of a plug & play component. Every aura component performs small tasks independently.
- Many AURA components work together to create a single application.



❖ **BENEFITS OF USING LIGHTNING WEB COMPONENTS IN BUSINESS :**



<u>SR NO</u>	<u>Benefits of using LAC in Business</u>	<u>Explanation</u>
<u>1</u>	<u>Out-of-the-box components</u>	<ul style="list-style-type: none">• Aura out of the box components ensures that the app does not need optimization for different devices.
<u>2</u>	<u>Fast Development</u>	<ul style="list-style-type: none">• Teams work faster with, out of the box component that functions hassle-free with different devices like mobile & desktop.
<u>3</u>	<u>Browser compatibility</u>	<ul style="list-style-type: none">• Apps are compatible with the latest browser technologies like HTML5..



PROJECT WORK: STORY 2

Client wants to execute all business process on SALESFORCE Platform using LAC with following requirement of creating few tables and fields.

- Create App.
 1. Create [“Hotel Management Project in LAC”](#) app in salesforce org in Lightning environment.

(1).Table Details:

- Create Objects and Fields :

1. Object Name : Guest Master

Sr No.	Field Name	Field Type	Field Values(If Present)
1.	Guest Code	Standard Field→ Name → AutoNumber	
2.	Guest First Name	Text	
3.	Guest Last Name	Text	
4.	Guest Phone	Phone	
5.	Guest Email	Email	

Fields & Relationships			Quick Find
8 Items, Sorted by Field Label			
FIELD LABEL	FIELD NAME	DATA TYPE	
Created By	CreatedById	Lookup(User)	
Guest Code	Name	Auto Number	
Guest Email	Guest_Email__c	Email	
Guest First Name	Guest_First_Name__c	Text(50)	
Guest Last Name	Guest_Last_Name__c	Text(50)	
Guest Phone	Guest_Phone__c	Phone	
Last Modified By	LastModifiedById	Lookup(User)	
Owner	OwnerId	Lookup(User,Group)	



2. Object Name : Hotel Master

Sr No.	Field Name	Field Type	Field Values(If Present)
1.	Hotel Code	Standard Field→ Name →AutoNumber	
2.	Hotel City	Text	
3.	Hotel Type	Picklist	3 Star, 4 Star, 5 Star
4.	Per day cost	Currency	
5.	WiFi Availability	Checkbox	
6.	Cancellation Availability	Checkbox	
7.	Cash pay Availability	Checkbox	

Fields & Relationships		
10 Items, Sorted by Field Label		
FIELD LABEL	FIELD NAME	DATA TYPE
Cancellation Availability	Cancellation_Availability__c	Checkbox
Cash pay Availability	Cash_pay_Availability__c	Checkbox
Created By	CreatedById	Lookup(User)
Hotel City	Hotel_City__c	Text(50)
Hotel Code	Name	Auto Number
Hotel Type	Hotel_Type__c	Picklist
Last Modified By	LastModifiedById	Lookup(User)
Owner	OwnerId	Lookup(User,Group)
Per day cost	Per_day_cost__c	Currency(17, 1)
WiFi Availability	WiFi_Availability__c	Checkbox



3. Object Name : Payment Master

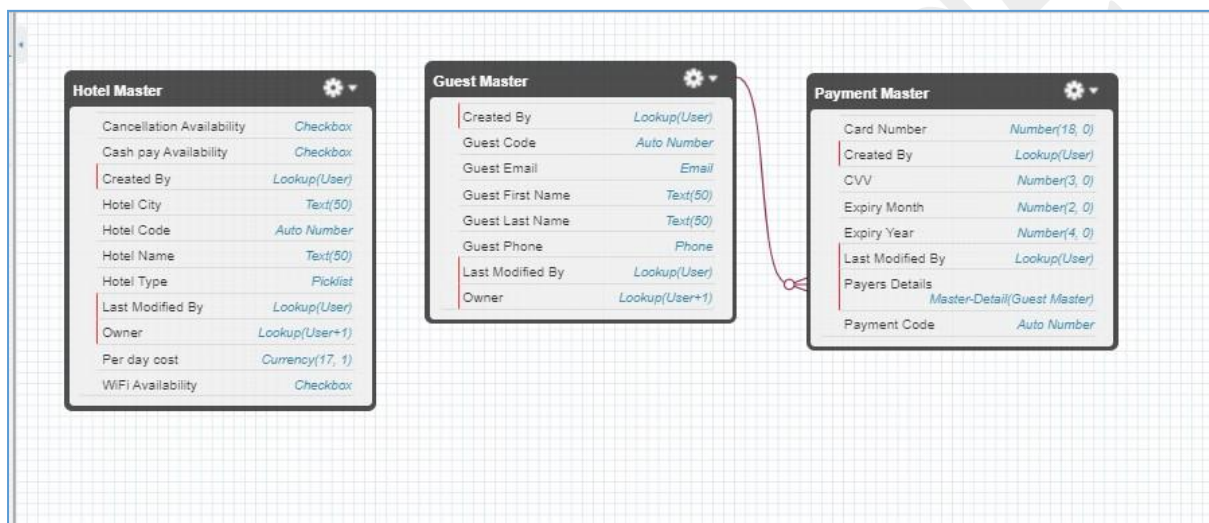
Sr No.	Field Name	Field Type	Field Values(If Present)
1.	Payment Code	Standard Field→ Name →AutoNumber	
2.	Payers Details	Relationship to Guest Master	
3.	Card Number	Number	
4.	Expiry Month	Number(Length : 2)	
5.	Expiry Year	Number(Length : 4)	
6.	CVV	Number(Length : 3)	

Fields & Relationships			Q Quick
9 Items, Sorted by Field Label			
FIELD LABEL	FIELD NAME	DATA TYPE	
Card Number	Card_Number__c	Number(18, 0)	
Created By	CreatedById	Lookup(User)	
CVV	CVV__c	Number(3, 0)	
Expiry Month	Expiry_Month__c	Number(2, 0)	
Expiry Year	Expiry_Year__c	Number(4, 0)	
Last Modified By	LastModifiedById	Lookup(User)	
Owner	OwnerId	Lookup(User,Group)	
Payers Details	Payers_Details__c	Lookup(Guest Master)	
Payment Code	Name	Auto Number	



(2).Relationship Between Objects:

Sr No.	Type of Relationship	Parent Object	Child Object	Field Name
1.	Master Detail	Guest Master	Payment Master	Payers Details



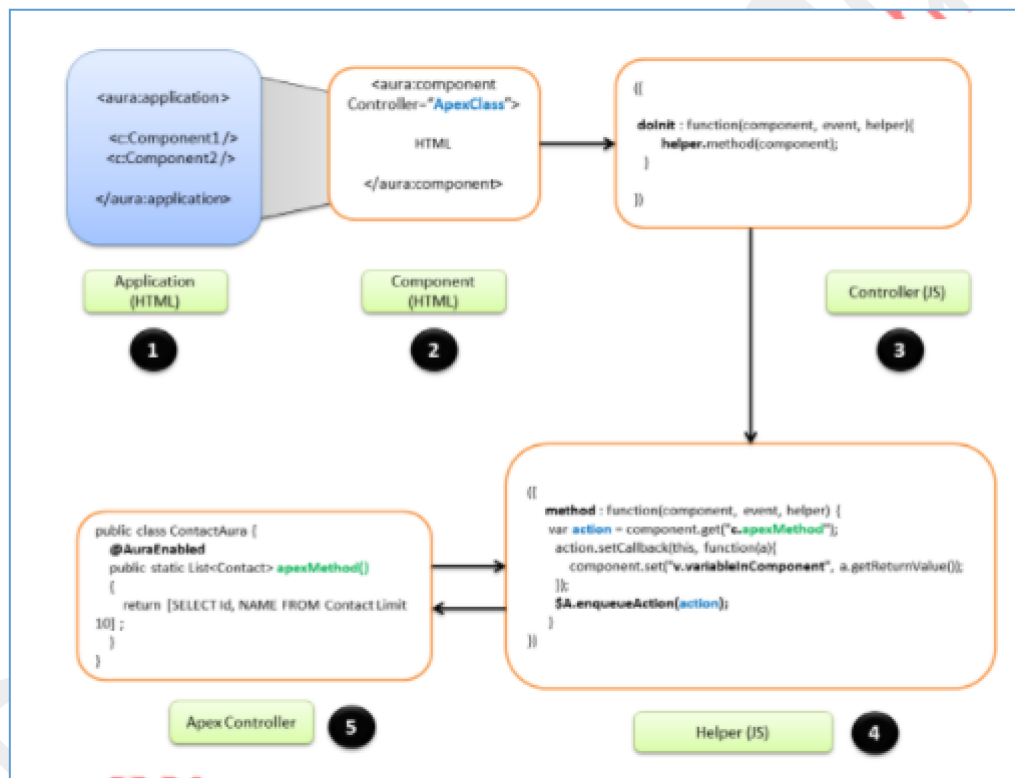


PROJECT WORK: STORY 3

Client is asking for “Guest Entry Form” Component in LAC.

Once user will enter data and click on save then, Data should be committed to respective Table.

Limited data should be entered in table.

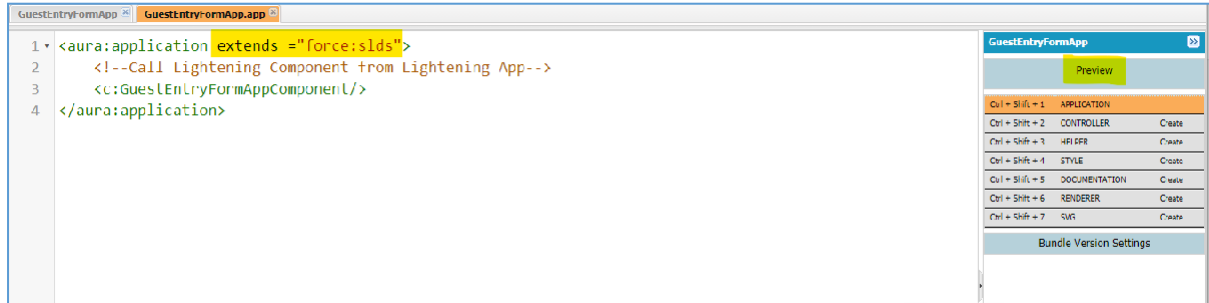


Create

- Lightning App→
- Lightning Component→
- Controller (JS)→
- Helper(JS)→
- APEX Class



Lightening App (Name) : GuestEntryFormApp



Lightening Component (Name) : GuestEntryFormAppComponent.cmp





```
24 <div class ="slds-page-header">
25 <div class ="slds-media body">
26 <h1 class="slds-page-header title slds-truncate slds-align-middle">WELCOME TO HOTEL MANAGEMENT PROJECT</h1>
27
28 </div>
29
30 </div>
31
32 <div class ="container-fluid">
33 <h2>::: Please Enter Guest Information Here :::</h2>
34 <div class = "form-group">
35 <label>Guest First Name : </label>
36 <ui:inputText class = "form-control" value ="{!v.AttrGuest.Guest_First_Name__c}"/>
37 </div>
38 <div class = "form-group">
39 <label>Guest Last Name : </label>
40 <ui:inputText class = "form-control" value ="{!v.AttrGuest.Guest_Last_Name__c}"/>
41 </div>
42 <div class = "form-group">
43 <label>Guest Email : </label>
44 <ui:inputText class = "form-control" value ="{!v.AttrGuest.Guest_Email__c}"/>
45 </div>
46 <div class = "form-group">
47 <label>Guest Phone : </label>
48 <ui:inputText class = "form-control" value ="{!v.AttrGuest.Guest_Phone__c}"/>
49 </div>
50 <div class = "form-group">
51 <label>Check In Date : </label>
52 <ui:inputText class = "form-control" value ="{!v.CheckInDate}"/>
53 <lightning:formattedDateTime value="{!v.CheckInDate}" year="numeric" day="2-digit" month="long"
54 hour="2-digit" minute="2-digit"/>
55 </div>
56 <div class = "form-group">
57 <label>Check Out Date : </label>
58 <ui:inputText class = "form-control" value ="{!v.CheckOutDate}"/>
59 <lightning:formattedDateTime value="{!v.CheckOutDate}" year="numeric" day="2-digit" month="long"
60 hour="2-digit" minute="2-digit"/>
61 </div>
62
63 <div class = "form-group">
64 <label>City of Hotel : </label>
65 <ui:inputText class = "form-control" value ="{!v.AttrHotelInfo.Hotel_City__c}"/>
66 </div>
67 <div class = "form-group">
68
69 <ui:inputText class = "form-control" value ="{!v.AttrHotelInfo.Hotel_Type__c}"/>
70 <lightning:select name="select1" label="Hotel Type : ">
71 <option value="">Select type of Hotel...</option>
72 <option value="1">5 Star</option>
73 <option value="2">4 Star</option>
74 <option value="3">3 Star</option>
75 </lightning:select>
76 </div>
77 <div class = "form-group">
78 <label>Number of Adults(12+yrs) : </label>
79 <ui:inputText class = "form-control" value ="{!v.NumberOfAdults}"/>
80 </div>
81 <div class = "form-group">
82 <label>Number of Children(0-12 Yrs) : </label>
83 <ui:inputText class = "form-control" value ="{!v.NumberOfChildren}"/>
84 </div>
85
86 </div>
87 <div class ="col-md-4 text-center">
88 <ui:button class="btn btn-default" press = "{!c.createguest}">Create New Guest</ui:button>
89 </div>
90
91
92 </aura:component>
```



Lightening Component JS Controller (Name) :
GuestEntryFormAppComponentController.js

```
GuestEntryFormAppComponent  GuestEntryFormAppComponent.cmp  GuestEntryFormAppComponentController.js
1  |({
2  |  createguest : function(component, event, helper) {
3  |
4  |      //getting Guest Information
5  |      var varGuest =component.get("v.AttrGuest");
6  |      //Validations
7  |      if($A.util.isEmpty(varGuest.Guest_First_Name__c) || $A.util.isUndefined(varGuest.Guest_First_Name__c)){
8  |          alert('Please enter Guest First Name to Save Record');
9  |          return;
10 |      }
11 |      if($A.util.isEmpty(varGuest.Guest_Last_Name__c) || $A.util.isUndefined(varGuest.Guest_Last_Name__c)){
12 |          alert('Please enter Guest Last Name to Save Record');
13 |          return;
14 |      }
15 |      if($A.util.isEmpty(varGuest.Guest_Email__c) || $A.util.isUndefined(varGuest.Guest_Email__c)){
16 |          alert('Please enter Guest Email Id to Save Record');
17 |          return;
18 |      }
19 |      if($A.util.isEmpty(varGuest.Guest_Phone__c) || $A.util.isUndefined(varGuest.Guest_Phone__c)){
20 |          alert('Please enter Guest Phone Number to Save Record');
21 |          return;
22 |      }
23 |
24 |      helper.helperMethod(component, event, helper,varGuest);
25 |
26 |  }
27 |})
```



Lightening Component JS Helper (Name) :
GuestEntryFormAppComponentHelper.js

```
GuestEntryFormAppComponent  GuestEntryFormAppComponent.cmp  GuestEntryFormAppComponentHelper.js
1  ({
2  helperMethod : function(component, event, helper,varGuest) {
3
4      //Calling Apex function
5      //Here "CreateRecord" is method from Apex class
6      var action =component.get("c.CreateRecord");
7
8      //Setting Apex parameter here guest is parameter passed in Apex Method
9      //and VarGuest is variable from LEX controller
10     action.setParams({
11         guest :varGuest
12     });
13
14     //Setting the CallBack
15     action.setCallback(this,function(response){
16         //get the response state
17         var State = response.getState();
18
19         //Check if Response is Successful
20         if(State != "SUCCESS"){
21             //Reset Form
22             var varEmptyGuestList = {'sojjectType' : 'Guest_Master__c',
23                                     'Guest_First_Name__c' : '',
24                                     'Guest_Last_Name__c' : '',
25                                     'Guest_Email__c' : '',
26                                     'Guest_Phone__c' : '',
27                                     'Name' : ''
28                                 };
29             //Resetting values in form
30             component.set("v.AttrGuest",varEmptyGuestList);
31             alert('Record is created Successfully');
32
33         }else if(State == "ERROR"){
34
35             alert('ERROR in Calling server Side Action');
36         }
37     });
38     //add server side actions to queue
39     $A.enqueueAction(action);
40
41 }
42 })
```



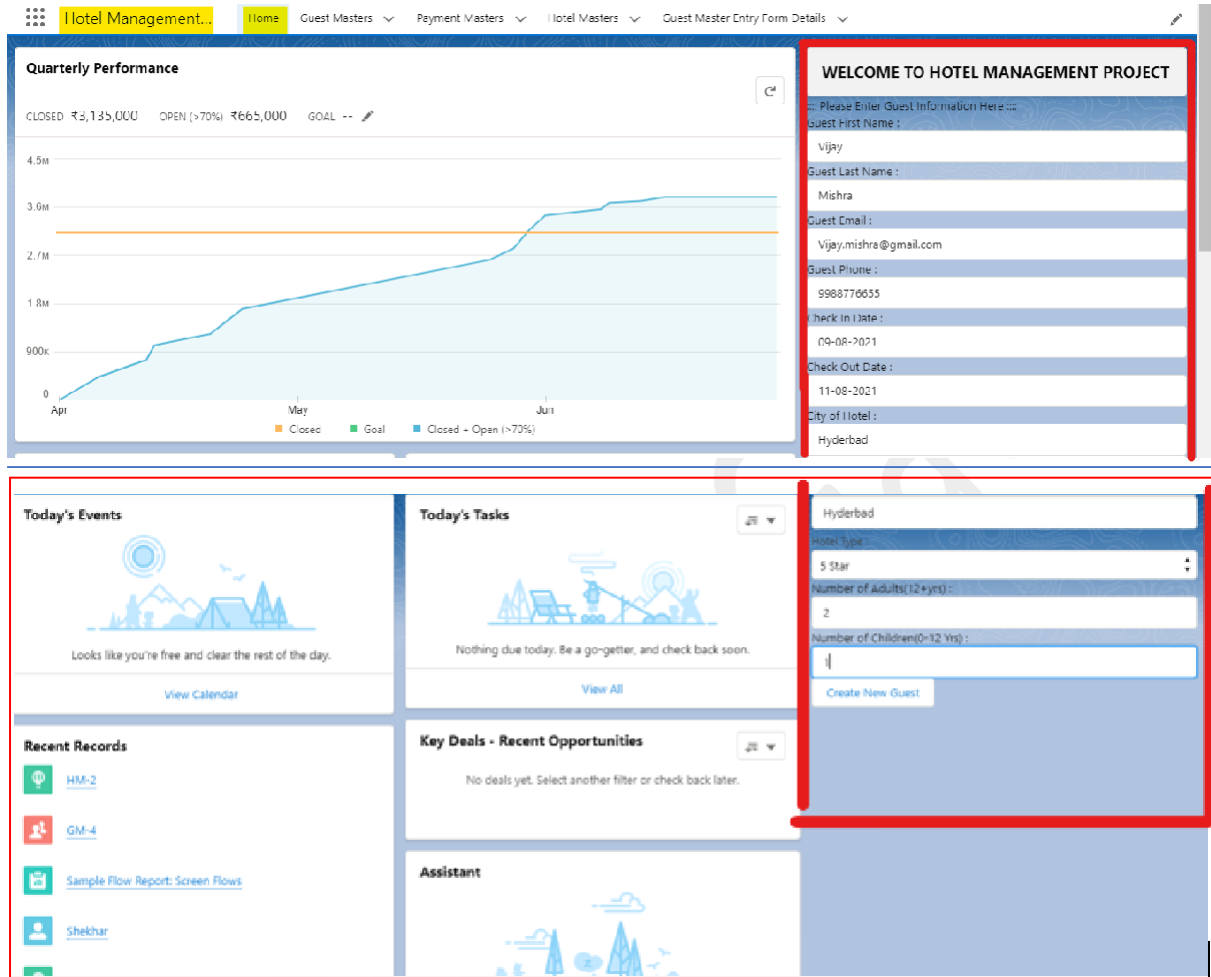
APEX Class (Name) : CreateNewGuestEntryRecord

```
CreateNewGuestEntryRecord.apxc
Code Coverage: None API Version: 52
1 public with sharing class CreateNewGuestEntryRecord {
2
3     @AuraEnabled
4     public static void CreateRecord(Guest_Master__c guest){
5
6         try{
7
8             if(guest != NULL){
9                 insert guest;
10            }
11
12        }catch(Exception Ex){
13            //Any Error can be handled in this block
14        }
15    }
16
17
18
19 }
```



Preview

This LAC added to home page in Hotel Management App





INTELOGIK-INTERSHIP PROGRAM

WELCOME TO HOTEL MANAGEMENT PROJECT

=== Please Enter Guest Information Here ===

Guest First Name :
Vijay

Guest Last Name :
Mishra

Guest Email :
Vijay.mishra@gmail.com

Guest Phone :
9988776655

Check In Date :
09-08-2021

Check Out Date :
11-08-2021

City of Hotel :
Hyderabad
Hyderabad

Hotel Type :
5 Star

Number of Adults(12+yrs) :
2

Number of Children(0-12 Yrs) :
1

Create New Guest



INTELOGIK-INTERSHIP PROGRAM

- On clicking Create New Guest new Record in Guest Master will be created.
- Extra details will not be committed to database.

The screenshot shows the Hotel Management application interface. A yellow notification box at the top center displays the message "Record is created Successfully" with an "OK" button. The main dashboard includes a "Quarterly Performance" chart showing revenue trends from April to June, with a goal line at ₹665,000. Below the chart are sections for "Today's Events" and "Today's Tasks". On the right side, there is a form titled "WIFI COME TO HOTEL MANAGEMENT PROJECT" for creating a new guest record. The form fields include: Guest First Name (Vijay), Guest Last Name (Mishra), Guest Email (Vijay.mishra@gmail.com), Guest Phone (9980776555), Check In Date (09-06-2021), Check Out Date (11-06-2021), City of Hotel (Hyderabad), Hotel Type (2 Star), Number of Adults (12+ yrs) (2), and Number of Children (0-12 yrs) (1). A "Create New Guest" button is at the bottom of the form.

The screenshot shows the "Guest Master Entry Form Details" for a specific guest record. The form is titled "Guest Master GM-5" and includes buttons for "New Contact", "Edit", and "New Opportunity". The "Details" tab is active, showing the following information: Guest Code (GM-5), Guest First Name (Vijay), Guest Last Name (Mishra), Guest Phone (9980 877-6655), Guest Email (vijay.mishra@gmail.com), Created by (Shrikhar), and Last Modified by (Shrikhar) on 0/6/2021 at 12:15 PM. The "Activity" tab is also visible, showing options for "New Event", "New Task", "Log a Call", and "Email". There is a section for "Upcoming & Overdue" activities, which currently shows "No next steps. To get things moving, add a task or set up a meeting." and a link to "View All".



PROJECT WORK: STORY 4

Client is asking for “Hotel Listing” Component in LAC.

Depending on data entered by User in “Guest Entry Form” Component, Page should show List of Suitable Hotels with all possible Hotel Specifications like Wi-Fi Availability Etc. depending on Hotel City and Hotel Type.

Before Every Hotel there should be Checkbox which User will select along with Hotel Specifications

User should click on ‘SELECT’ Button after selecting any Hotel from List.

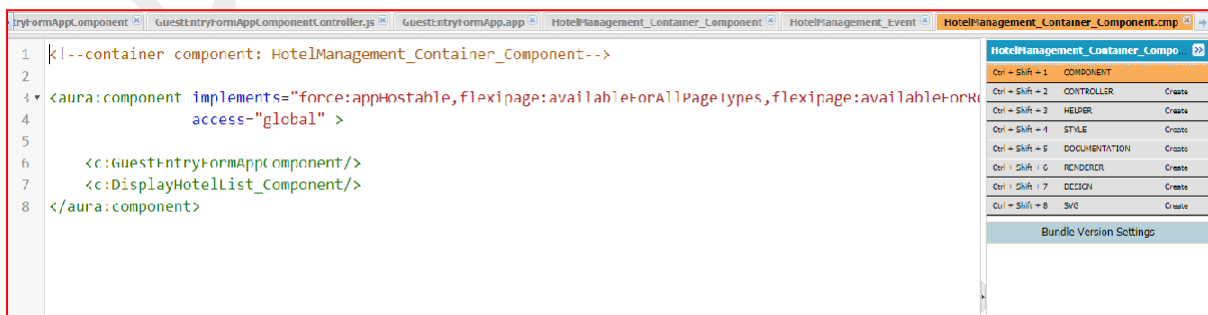
We need to use Application Event so that communication will be easy.

Lightening App (Name) : GuestEntryFormApp

```
1 <aura:application extends="force:slds">
2   <!--Call Lightning Component from Lightning App-->
3   <c:HotelManagement_Container_Component/>
4 </aura:application>
```

- Create one Container Component

Lightening Component (Name) :
HotelManagement_Container_Component.cmp





- [Create Lightning Event: Here I am creating Application Event](#)

Lightening Event (Name) : HotelManagement_Event

```
EntryFormAppComponentController.js | GuestEntryFormApp.app | HotelManagement_Container_Component | HotelManagement_Event | HotelManagement_Container_Component.cmp | HotelManagement_Event.evt |
1 | <!-- Create Event: HotelManagement_Event -->
2 |
3 |
4 | <aura:event type="APPLICATION">
5 |   <aura:attribute name="HotelData" type="Hotel_Master__c"/>
6 | </aura:event>
```

- [Create Notifier Component](#)

Lightening Component (Notifier) (Name) : GuestEntryFormAppComponent

```
GuestEntryFormApp.app | HotelManagement_Container_Component | HotelManagement_Event | HotelManagement_Container_Component.cmp | HotelManagement_Event.evt | GuestEntryFormAppComponent.c
1 | <!-- Notifier Component will be GuestEntryFormAppComponent -->
2 | <!-- Define Component Access -->
3 | <aura:component controller="CreateNewGuestEntryRecord"
4 |   implements="force:appHostable,flexipage:availableForAllPageTypes,
5 |     flexipage:availableForRecordHome,force:hasRecordId"
6 |   access="global" >
7 |   <aura:registerEvent name="appEvent" type="c:HotelManagement_Event"/>
8 |
9 |   <!-- Define Attribute -->
10 |   <aura:attribute name="AttrGuest" type="Guest_Master__c"
11 |     default="{ 'subjectType' : 'Guest_Master__c',
12 |       'Guest_First_Name__c' : '',
13 |       'Guest_Last_Name__c' : '',
14 |       'Guest_Email__c' : '',
15 |       'Guest_Phone__c' : ''
16 |     }"/>
17 |   <aura:attribute name="AttrHotelInfo" type="Hotel_Master__c"
18 |     default="{ 'subjectType' : 'Hotel_Master__c',
19 |       'Hotel_City__c' : '',
20 |       'Hotel_Type__c' : '',
21 |       'Hotel_Name__c' : '',
22 |       'WiFi_Availability__c' : '',
23 |       'Cancellation_Availability__c' : '',
24 |       'Cash_pay_Availability__c' : '',
25 |       'Per_day_cost__c' : ''
26 |     }"/>
27 |
28 |   <aura:attribute name="AttrHotelList" type="Hotel_Master__c[]" default=""/>
29 |   <aura:attribute name="CheckInDate" type="DateTime" default=""/>
30 |   <aura:attribute name="CheckOutDate" type="DateTime" default=""/>
31 |   <aura:attribute name="NumberOfAdults" type="Integer" default=""/>
32 |   <aura:attribute name="NumberOfChildren" type="Integer" default=""/>
33 |   <div class="slds-page-header">
34 |     <div class="slds-media-body">
35 |       <h1 class="slds-page-header__title slds-truncate slds-align-middle">WELCOME TO HOTEL MANAGEMENT PROJECT</h1>
36 |
37 |     </div>
38 |
39 |   </div>
40 |
41 |   <div class="container-fluid">
42 |     <h2>::: Please Enter Guest Information Here :::</h2>
43 |     <div class="form-group">
44 |       <label>Guest First Name : </label>
45 |       <ui:inputText class="form-control" value="{!v.AttrGuest.Guest_First_Name__c}"/>
46 |     </div>
```



INTELOGIK-INTERSHIP PROGRAM

```
47 <div class = "form-group">
48   <label>Guest Last Name : </label>
49   <ui:inputText class = "form-control" value="{!v.AllrGuest.Guest_Last_Name__c}"/>
50 </div>
51 <div class = "form-group">
52   <label>Guest Email : </label>
53   <ui:inputText class = "form-control" value="{!v.AttrGuest.Guest_Email__c}"/>
54 </div>
55 <div class = "form-group">
56   <label>Guest Phone : </label>
57   <ui:inputText class = "form-control" value="{!v.AllrGuest.Guest_Phone__c}"/>
58 </div>
59 <div class = "form-group">
60   <label>Check In Date : </label>
61   <ui:inputText class = "form-control" value="{!v.CheckInDate}"/>
62   <lightning:formattedDateTime value="{!v.CheckInDate}" year="numeric" day="2-digit" month="long" hour="2-digit"
63 </div>
64 <div class = "form-group">
65   <label>Check out Date : </label>
66   <ui:inputText class = "form-control" value="{!v.CheckOutDate}"/>
67   <lightning:formattedDateTime value="{!v.CheckOutDate}" year="numeric" day="2-digit" month="long" hour="2-digit"
68 </div>
```

```
70 <div class = "form-group">
71   <label>City of Hotel : </label>
72   <ui:inputText class = "form-control" value="{!v.AttrHotelInfo.Hotel_City__c}"/>
73 </div>
74 <div class = "form-group">
75
76   <ui:inputText class = "form-control" value="{!v.AttrHotelInfo.Hotel_Type__c}"/>
77   <lightning:select name="select1" label="Hotel Type : ">
78     <option value="">Select type of Hotel...</option>
79     <option value="1">5 Star</option>
80     <option value="2">4 Star</option>
81     <option value="3">3 Star</option>
82   </lightning:select>
83 </div>
84 <div class = "form-group">
85   <label>Number of Adults(12+yrs) : </label>
86   <ui:inputText class = "form-control" value="{!v.NumberOfAdults}"/>
87 </div>
88 <div class = "form-group">
89   <label>Number of Children(0-12 Yrs) : </label>
90   <ui:inputText class = "form-control" value="{!v.NumberOfChildren}"/>
91 </div>
```

```
92
93 </div>
94 <div class="col-md-4 text-center">
95   <ui:button class="btn btn-default" press="{!c.createguest}">Create New Guest</ui:button>
96 </div>
97
98 </aura:component>
```



- Create Controller for Notifier Component

Lightening Component(Notifier) JS Controller (Name) : **GuestEntryFormAppComponentController**

```
GuestEntryFormAppComponentController.js | GuestEntryFormApp.app | HotelManagement_Container_Component | HotelManagement_Event | HotelManagement_Container_Component.cmp | HotelMana

1  ({
2  createGuest : function(component, event, helper) {
3
4      //getting Guest Information
5      var varGuest = component.get("v.AttrGuest");
6
7      //getting Hotel Information
8      var varHotel = component.get("v.AllrHotelInfo");
9      //calling events
10     var varEvent = $A.get('e.c:HotelManagement_Event');
11
12     //event.setParam("name", cmp.get("v.myName"));
13     varEvent.setParam("HotelData", varHotel);
14     varEvent.fire();
15     alert('Firing alert');
16
17     //Validations
18     if($A.util.isEmpty(varGuest.Guest_First_Name__c) || $A.util.isUndefined(varGuest.Guest_First_Name__c)){
19         alert('Please enter Guest First Name to Save Record');
20         return;
21     }
22     if($A.util.isEmpty(varGuest.Guest_Last_Name__c) || $A.util.isUndefined(varGuest.Guest_Last_Name__c)){
23         alert('Please enter Guest Last Name to Save Record');
24
25         return;
26     }
27     if($A.util.isEmpty(varGuest.Guest_Email__c) || $A.util.isUndefined(varGuest.Guest_Email__c)){
28         alert('Please enter Guest Email Id to Save Record');
29         return;
30     }
31     if($A.util.isEmpty(varGuest.Guest_Phone__c) || $A.util.isUndefined(varGuest.Guest_Phone__c)){
32         alert('Please enter Guest Phone Number to Save Record');
33         return;
34     }
35     helper.helperMethod(component, event, helper, varGuest);
36
37
38
39
40 }
41 })
```



Lightening Component JS Helper (Name) :
GuestEntryFormAppComponentHelper.js

```
GuestEntryFormAppComponent GuestEntryFormAppComponent.cmp GuestEntryFormAppComponentHelper.js
1  ({
2  helperMethod : function(component, event, helper, varGuest) {
3
4      //Calling Apex function
5      //Here "CreateRecord" is method from Apex class
6      var action =component.get("c.CreateRecord");
7
8      //Setting Apex parameter here guest is parameter passed in Apex Method
9      //and VarGuest is variable from LEX controller
10     action.setParams({
11         guest :varGuest
12     });
13
14     //Setting the CallBack
15     action.setCallback(this,function(response){
16         //get the response state
17         var State = response.getState();
18
19         //Check if Response is Successful
20         if(State != "SUCCESS"){
21             //Reset Form
22             var varEmptyGuestList = {'sojectType' : 'Guest_Master__c',
23                                     'Guest_First_Name__c' : '',
24                                     'Guest_Last_Name__c' : '',
25                                     'Guest_Email__c' : '',
26                                     'Guest_Phone__c' : '',
27                                     'Name' : ''
28                                 };
29             //Resetting values in form
30             component.set("v.AttrGuest",varEmptyGuestList);
31             alert('Record is created Successfully');
32
33         }else if(State == "ERROR"){
34
35             alert('ERROR in Calling server Side Action');
36         }
37     });
38     //add server side actions to queue
39     $A.enqueueAction(action);
40
41 }
42 })
```



- Create Handler Component

Lightening Component (Handler) (Name) : DisplayHotelList_Component

```
1 <aura:component controller="CreateNewGuestEntryRecord"
2     implements="force:appHostable,flexipage:availableForAllPageTypes,
3     flexipage:availableForRecordHome,force:hasRecordId,forceCommunity:availableForAllPageTypes"
4     access="global" >
5     <aura:attribute name="ShowHotelList" type="Hotel_Master__c" />
6     <aura:attribute name="showList" type="List" />
7     <aura:handler event="c:HotelManagement_Event" action="{!c.showListOfHotels}"/>
8
9
10    <div class="slds-page-header">
11        <div class="slds-media_body">
12            <h1 class="slds-page-header__title slds-truncate slds-align-middle">WELCOME TO HOTEL MANAGEMENT PROJECT</h1>
13        </div>
14    </div>
15
16
17
18    <!-- Use the Apex model and controller to fetch server side data -->
19    <table class="slds-table slds-table--bordered slds-table--striped slds-table--cell-buffer">
20
21        <thead>
22            <tr class="slds-text-heading--small">
23                <th scope="col"><span class="slds-truncate">Hotel Name </span></th>
24                <th scope="col"><span class="slds-truncate">City of Hotel</span></th>
25                <th scope="col"><span class="slds-truncate">Hotel Type </span></th>
26                <th scope="col"><span class="slds-truncate">Wi-Fi Availability</span></th>
27                <th scope="col"><span class="slds-truncate">Cancellation Availability</span></th>
28                <th scope="col"><span class="slds-truncate">Cash pay Availability</span></th>
29                <th scope="col"><span class="slds-truncate">Per day cost</span></th>
30            </tr>
31
32
33        </thead>
34
35
36        <tbody>
37            <aura:iteration items="{!v.ShowHotelList}" var="showAllList">
38                <tr>
39
40
41                    <td>{!showAllList.Hotel_Name__c}</td>
42                    <td>{!showAllList.Hotel_City__c}</td>
43                    <td>{!showAllList.Hotel_Type__c}</td>
44                    <td>{!showAllList.WiFi_Availability__c}</td>
45                    <td>{!showAllList.Cancellation_Availability__c}</td>
46                    <td>{!showAllList.Cash_pay_Availability__c}</td>
47                    <td>{!showAllList.Per_day_cost__c}</td>
48                </tr>
49            </aura:iteration>
50        </tbody>
51    </table>
52    <div class="col-md-4 text-center">
53        <ui:button class="btn btn-default" press="{!c.showListOfHotels}">Show List of Hotels </ui:button>
54    </div>
55
56
57
58
59 </aura:component>
```




- Create Controller for Handler Component Controller

Lightening Component(Handler) JS Controller (Name) :
DisplayHotelList_ComponentController

```
component x DisplayHotelList_Component.cmp x DisplayHotelList_ComponentController.js x DisplayHotelList_ComponentHelper.js x GuestEntryForm
1  ({
2  ▾ showListOfHotels : function(component, event, helper) {
3
4
5      //getting Hotel Information
6      var varHotel =event.getParams("HotelData");
7
8      //set handler attribute depending on event data
9
10     component.set("v.ShowHotellist",varHotel);
11
12     helper.getHotellistHelperMethod(component, event, helper);
13
14 }
15
16
17
18 })
```



- [Create Controller for Handler Component Helper](#)

Lightening Component JS Helper (Name) : DisplayHotelList_ComponentHelper.js

```
1  ({
2  ▾  getHotellistHelperMethod : function(component, event, helper) {
3
4      //Calling Apex function
5      //Here "GetHotellistRecord" is method from Apex class
6      //var ShowResultValue = event.getParam("");
7      var action =component.get("c.GetHotellistRecord");
8
9      //Setting Apex parameter here guest is parameter passed in Apex Method
10     //and VarGuest is variable from LEX controller
11     // action.setParams({
12     //     guest :varGuest
13     // });
14
15     //Setting the Callback
16 ▾  action.setCallback(this,function(response){
17     //get the response state
18     var State = response.getState();
19     var Result = JSON.stringify(response.getReturnValue());
20     //Check if Response is Successful
21 ▾  if(State == "SUCCESS" && component.isValid()){
22
23         //Resetting values in form
24         component.set("v.ShowHotellist",response.getReturnValue());
25
26 ▾  }else if(State == "ERROR"){
27
28         alert('ERROR in Calling server Side Action');
29     }
30     });
31     //add server side actions to queue
32     $A.enqueueAction(action);
33
34 }
35 })
```



APEX Class (Name) : CreateNewGuestEntryRecord

```
1 public with sharing class CreateNewGuestEntryRecord {
2
3     @AuraEnabled
4     public static void createRecord(Guest_Master__c guest){
5
6         try{
7
8             if(guest != NULL){
9                 insert guest;
10            }
11
12        }catch(Exception Ex){
13            //Any error can be handled in this block
14        }
15    }
16
17    @AuraEnabled
18    public static List<Hotel_Master__c> GetHotelListRecord(){
19
20        List<Hotel_Master__c> giveHotelList = new List<Hotel_Master__c>();
21
22        giveHotelList = [SELECT id,name,Hotel City__c,Hotel Name__c,Hotel Type__c,
23                        Wifi_Availability__c,Cancellation_Availability__c,Cash_pay_Availability__c,Per_day_cost__c FROM Hotel_Master__c
24                        WHERE Hotel_City__c != NULL AND Hotel_Type__c != NULL];
25
26        return giveHotelList;
27    }
28 }
29 }
```



Preview

This LAC added to home page in Hotel Management App

WELCOME TO HOTEL MANAGEMENT PROJECT

*** Please Enter Guest Information Here ***

Guest First Name :
Dhanashri

Guest Last Name :
K

Guest Email :
dk@gmail.com

Guest Phone :
99887766545

Check In Date :

Check Out Date :

City of Hotel :
Hyderabad

Hotel Type :
4 Star

Number of Adults(12+yrs) :

Hotel Type :
4 Star

Number of Adults(12+yrs) :
2

Number of Children(0-12 Yrs) :
1

Create New Guest

List of Hotels on creating new Guest:

WELCOME TO HOTEL MANAGEMENT PROJECT						
Hotel Name	City of Hotel	Hotel Type	Wi-Fi Availability	Cancellation Availability	Cash pay Availability	Per day cost
Marriott	Hyderabad	5 Star	true	true	true	7000
Novotel Hyderabad Convention Centre	Mumbai	5 Star	true	false	true	10000
Ellaa Hotel	Hyderabad	4 Star	false	true	true	3000
AR Suites Fontana Bay	Pune	3 Star	true	true	false	3000



Dhanashri Gade