**Road map Versatile Event Planning & Booking System**

|  |  |  |
| --- | --- | --- |
| Front end | Back end | Data base |
| Login page:  User name and password entered will be send to back end | Receive the data , validate and send the results. Results:  IF true response send will be Name true(Bool value)and role when registered  IF false response will be send is false(bool value) | Has the credentials ,will be send to the back end |
| Based on the response received the pages will be redirected IF false then invalid credentials will be displayed  IF true then the name will be displayed in the profile along with the role stored in the appcontext  And based on the role the redirecting will happen |  |  |
| IF role is “user” page will be redirected to home page from which user will start booking On clicking book now user will be redirected to booking page with has a drop down list of states in India,for which a request will be sent to provide the list of states to the back end | The list of states will be provided by the back end based on the locations of the function hall’s locations present in the data base |  |

|  |  |  |
| --- | --- | --- |
| Upon receiving the states ,the user will select a state ,then the state name will be send back to back and as a request to send the list of function halls present in that particual state | On receiving the state back end will send the list of function hall details of the state as follows  Function hall id, Hall name , address |  |
| After receiving the list of function hall details from the back end this state will be displayed below the drop down with the following details  Sno,Function halls name address and action(view and book now )  On action a request will be send with the state name and function hall id to the back end to provide the entire details of that function hall |  |  |
|  | With the state name and function hall id the function hall details will be send to the front end as follows  Function hall name Owner or manager name  Address  No of floors  List of types or list of events that can be held in that function hall  Capacity of each floor  Types of food and the list of food  Images Contact details  Decorations available  Dates which this hall is already booked  /\* add more if needed\*/ |  |
| This received data will be displayed to the user If the user wishes to book this function hall a book now button will be present on clicking which the user will be asked to fill the form the contains the following details  Date  No of guests Food type Event type Time Decoration details if needed  /\* add more if needed\*/  After adding of the deatis the user’s request will be put to a pending state until the manager accepts or rejects the booking request |  |  |
|  | The data will be recived and send to data base for storing and the when the admin logins ,he will decide whether to accpet or not |  |
| IF the role is “admin” the page will be re directed to the adminhome page .  And a request will be send to back end to send the function hall and servies releated to this admin.  If the recceived data is null or empty ,then adminhome page will directly open the details page for the admin to enter the details of the function hall(meaning this the 1st time logging in after the registartionon the site). If not empty then admin home will be open where the admin can see all his function halla and his services ,and up on selection proper options admin is able to see all the books received and can opt for a option to accpet or reject.  What ever the option selected the response from the admin will also be diplayed to the user who booked on his my bookings option. | The back end will receive this request and send all the data from the data base to the front end. |  |
| IF the credential are in valid the person will be asked to enter proper credentials or if a new then will be suggested to register. Registration link will be directly below the login option, on clicking which th person will be redirected to the register page which has 2 options. 1st one is to register as a user so that he can book the function halls  and the 2nd will be to register as an admin .  On selecting one of the option the role will be saved as per the selected option and will be redirected to the registration page to enter the details and on registration the data will be send to the back end and redirected to the login in page and further steps are as told previously | The back end will receive this data which includes the role and save the data in the data base and on login the credentials will be send to the front end |  |