1. Function table

**User**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function ID** | **Function Name** | **Input** | **Output** | **Description** |
|
| U1 | Registration | First name | Redirect to the login page | User fills up the registration form to sign up and selecting the user type as User. Once the registration request is submitted the it is sent to the admin for approval. The User is redirected to login page. |
| Last name |
| User type |
| UTA ID |
| Username |
| Password |
| Email |
| Contact number |
| Address |
| U2 | Login | Username and Password | Redirect to the home page | The user will login to the application using the username and password. The credentials are authenticated and the user is redirected to the home page of user. |
| U3 | Log out | Logout option | Redirect to the login page | User has the option to log out from his/her account at any point in the website. |
| U4 | Update profile | Username | Redirect to the home page | User can update their profile by editing the form that they had filled earlier at the time of registration. |
| Password |
| First name |
| Last name |
| Confirm password |
| Email |
| Contact number |
| Address |
| U5 | Perform estimation result | Capacity | Estimated cost | Users can view the estimated cost of the event by providing the details of the event that they are going to request. The request details will be stored in session data. |
| No.of Guests |
| Duration |
| Meal Type |
| Meal Formality |
| Drink Venue |
| U6 | Search available Hall Result | Date Range | Displays the Hall Name, capacity, Date and Time | User can look up available halls during a specific date time range, available halls are then listed in ascending order according to the date and time |
| Time Slot |
| Free Hall List |
| U7 | Event Request | From | Display a message saying "Request for the event has been placed" | Users can request for the event after getting an estimated cost. |
| Last name |
| Date |
| Start time |
| duration |
| Hall name |
| No of guests |
| Event name |
| Food type |
| Meal type |
| Drink venue |
| Meal formality |
| U8 | View Bookings | Date Range | List of events | From the list of bookings, users can cancel the event when they desire to do so. |
| Date |
| Time |
| U9 | Cancel event | Event name | Display a message saying " Event has been cancelled successfully" | From the list of bookings, users can cancel the event when they desire to do so. |
| U10 | Event details | Selected booking | First name | User can select a booked event from the bookings list and choose to view the details related to that particular event, |
| Last name |
| Date |
| Start time |
| duration |
| Hall name |
| No of guests |
| Event name |
| Food type |
| Meal type |
| Drink venue |
| Meal formality |

**Caterer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function ID** | **Function Name** | **Input** | **Output** | **Description** |
|
| C1 | Registration | First Name | Redirect to the login page | Caterer fills up the registration form to sign up with the details and selecting the user type as caterer. Once the registration request is submitted the registration request is sent to the admin for approval. The caterer is redirected to login page. |
| Last Name |
| User type |
| UTA ID |
| User name |
| Password |
| Email |
| Contact Number |
| Address |
| C2 | Login | Username and Password | Redirect to the home page | The caterer will login to the application using the username and password. The credentials are authenticated and the staff is redirected to the home page of caterer. |
| C3 | Log out | Click on logout option | Redirect to the login page | Caterer has the option to log out from his/her account at any point in the website. |
| C4 | Update profile | Username | Redirect to the home page | Caterer can update their profile by editing the form that they had filled earlier at the time of registration. |
| Password |
| First name |
| Last name |
| Confirm password |
| Email |
| Contact number |
| Address |
| C5 | View events schedule | Date Range | List of events | Caterer can view the calendar of events with date and time. |
| Date |
| Time |
| C6 | Cancel event | Event name | Display a message saying " Event has been cancelled” | Caterer can view the catering event details |
| C7 | Catering event details | select event from view schedule | Assigned staff name |  |
| First name |
| Last name |
| Date |
| Start time |
| Duration |
| Hall name |
| No. of guests |
| Event name |
| Food type |
| Meal type |
| Meal formality |
| Drink venue |
| C8 | Pending Catering Requests Summary | No inputs, just select the function from the home page | Event name | Caterer can view the catering requests received |
| Date |
| Start time |
| Duration |
| Hall name |
| C9 | Reject catering request | Selected catering request from list shown by the view catering request function | Caterer sees a message that confirms the rejection of the request | When viewing the requests the caterer can rejects any of the requests |
| C10 | Creating catering event | First name | Display a message saying "Event is being created" | The caterer will validate the requests and create an event |
| Last name |
| Date |
| Start time |
| Duration |
| Hall name |
| No of guests |
| Event name |
| Food type |
| Assigned staff name |
| Meal type |
| C11 | Assign resources | Event request | Display a message saying "Resources added" | The caterer will assign resources to the catering request |
| C12 | Assign Staff | Event request | Display a message "Staff Assigned" | Caterer assigns staff for the event based on the event requirement and availability of the staff., this is the last step before a “catering” event is created |

**Catering staff**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function ID** | **Function Name** | **Input** | **Output** | **Description** |
|
| CS1 | Registration | First Name | Redirect to the login page | Catering Staff fills up the registration form to sign up and selecting the user type as staff. Once the registration request is submitted the it is sent to the admin for approval. The staff is redirected to login page. |
| Last Name |
| User type |
| UTA ID |
| Username |
| Password |
| Email |
| Contact number |
| Address |
| CS2 | Login | Username and Password | Redirect to the home page | The staff will login to the application using the username and password. The credentials are authenticated and the staff is redirected to the home page of caterer staff. |
| CS3 | Log out | Click Logout option | Redirect to the login page | Catering Staff has the option to log out from his/her account at any point in the website. |
| CS4 | Update profile | Username | Redirect to home page | Catering staff can update their profile by editing the form that they had filled earlier at the time of registration. |
| Password |
| First name |
| Last name |
| Confirm password |
| Email |
| Contact number |
| Address |
| CS6 | Assigned Event Details | Date range | First name | Catering Staff can view their Work details and Upcoming events with Date and Time. |
| Last name |
| Date |
| Start time |
| duration |
| Hall name |
| No of guests |
| Event name |
| Food type |
| Meal type |
| Drink venue |
| Meal formality |

**Admin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function ID** | **Function Name** | **Input** | **Output** | **Description** |
|
| A1 | Login | Username and Password | Redirect to the home page | The Admin logs into his/her account with unique username and password |
| A2 | Log out | Logout option | Redirect to the login page | Admin has the option to log out from his/her account at any point in the website. |
| A3 | Update profile | Password | Stay on the same page | Admin can update their profile by editing the form that they had filled earlier at the time of registration. |
|
| First name |
| Last name |
| Confirm password |
| Email |
| Contact number |
| Address |
| Username |
| A4 | Review Registration requests | Select pending requests | List of Requests | Admin can view the list of pending requests. |
|
| A5 | Accept registration Request | Registration requests | Display a message "Request is approved" | Admin approves the requests after validating the registration fields of users,caterers and staff |
| A6 | Reject registration Request | Requests by users,caterers and staff | Display a message "Request is rejected" | Admin rejects the requests. |
| A7 | Search user results | First name | Displays the search results | Admin can lookup any user by providing the input attributes. |
| Last name |
| User type |
| UTA ID |
| Username |
| A8 | Edits User Profile | Username | Display a message "User profile updated successfully" | When selecting a username from the output of search user profile, Admin has the rights to make changes in the User profile. |
| A9 | Delete Account | Username | Checks in any of the profile which he wants to delete. Displays message" Profile Deleted". | Admin can delete the caterer, staff or user Profiles. |

1. What questions do you have about the project?

a.       What things are not specified?

* What kind of Middleware to be used?
* Are they going to add more halls in the future?
* Does your technology team have any specification?
* How can the host invite all the attendees through the app?
* How will the notification process work at every stage?
* How many days prior can the request be created/cancelled for an event?
* What are the contact Details expected in the form?
* Are we offering any promotions/discounts?

b.       What things are unclear?

* How is the mapping of users and caterers be done?
* Admin can edit user profile but why not the caterer and staff?
* Based on what criteria does the Admin approve or reject profiles?
* What are the password rules?
* Is this application private or public?   
  Holiday details are not specified.
* For the event there is no mention of how to specify the number of food venues for each meal types.
* How does the user give food specification or menu for each venue?
* Should the sorting of venues be alphabetically or by capacity?

c.       What functions seem to be missing?

* Updating an event/request for event.
* Inventory Management.
* There must be a function to select staff as per their working hours when assigning to the events.
* Staff must also accept and Reject his work in-case of any emergencies.
* There is no report generating feature.
* Post event Feedback function from the user.

1. Android experience of the team
   1. Nagendra Prasad : Beginner
   2. Karthik Padiyar : Beginner
   3. Neerja Narayanappa : Beginner
   4. Nivedita Subramanyan : Intermediate
   5. Sidharth Agarwal : Beginner
   6. Houda Belefqih : Beginner