**Title**

* Event Organizing System
* Event Scheduling System with data mining using NLP and Artificial Intelligence.

**Stakeholders: -**

* User/ Customer.
* Hotel/ Hall admin or in charge.
* Admin( Who builds the software).

**Functions:**

* **User: -**
* **Search for hotels/ Restaurants/ Marque/ Halls**
* **User will be shown different packages based on price.(Data mining)**
* **Shows nearby hotels/Restaurants/ Halls/ Marque using google map.**
* **Order for event in any of the above.**
* **Enter query about problem then system will show results according to that (NLP).**
* **User will be able to create its account using web application or mobile application.**
* Hotel Admin: -
* View orders.
* Edit orders
* Accept order.
* Delete order.
* View status of user interest (which dish is mostly used) (Data mining).
* Status like which dish/product is used which product. (Data Mining).
* Hotel management can log in by using its account from web application or from mobile application.

**Admin:**

* **Can add/ delete user and hotel admin.**
* **Will manage whole website.**

**Problem**

* Want to reserve booking online or check for best place to organize an event.
* Using Data mining to give recommendation to the user.
* Using NLP to get search query from the user and show the result.
* System should be intelligent and increase its efficiency by using different AI algorithms.
* Admin Panel will be Web based.
* User can access from web and android.
* Customer will search for different: -
* Hotels
* Marque
* Marriage Hall
* Restaurants
* Wedding Banquets
* Different events like
* Marriage Ceremony
* Birthday Party
* Islamic event
* industry exhibitions
* academic conferences,
* business seminars

Add Google Map to tell the location of hotel

* There will be Account for
* Admin
* Hotel/ Marriage In charge panel.
* Customer