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**COMSATS University Islamabad (CUI)**

Software Requirement Specification  
(SRS DOCUMENT)

for

**Wedding Planner**  
Version 1.0

***By***

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*Bachelor of Science in Software Engineering (2017-2021)*

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason for Changes** | **Version** |
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Application Evaluation History

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| **Comments (by committee)**  **\*include the ones given at scope time both in doc and presentation** | **Action Taken** |
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Supervised by

Mr. Azfar Shakeel

Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Introduction

## Purpose

1. The project will be an online wedding planner system. This project will specifically solve the problem that the people face during the planning of wedding event. It will automate all the process in which the people go through manually. All the arrangements will be done using facilities provided in the system and It will save the time of user and help the user to manage all the important tasks. There is no need to order all things manually but by using this application all the Services can be booked and planned. Using this system event can be managed via mobile application and online website.

## Scope

Our project is web-based application that provides solution for the event planning in Pakistan. Wedding is the most popular event celebrated by families in Pakistan and it is considered as a mega event in Pakistan. People face many problems while managing such big events. Wedding event planner will provide the solution. User can register on system and select venue type and halls to book in a city. The system provides other facilities such as photographers musicians and other Event planners who can be part of management and the system will also provide checklist for users so they can keep track of system.

The flow of application will be in a way that user come to our website see all the option include hall booking, food etc and select his/her favorite option, but before conform their order he need to sign-up or login if registered already.

# Overall Description

## Product Perspective

The Product will play a vital role as a wedding planner in our society, because now a day planning of wedding is much difficult and complicate job and people are unable to take their time out from their busy schedule. So by observing this problem we will design a solution for it. As all things are going toward digitization so after digitizing wedding planning will also put a positive role in society . The user will make all the plan and customize their design just on clicks. The main thing is that our system is easy to use and having user-friendly and adaptive interface.

## Operating Environment

***OE-1:*** *The System shall operate correctly with the following web browsers: Windows Internet Explorer versions 7, 8, and 9; Firefox versions 12 through 26; Google Chrome (all versions); and Apple Safari (all versions) .*

***OE-2:*** *Database used will be MongoDB for the information and database of user to store.*

***OE-3:*** *System will be made on cross platforms using react native.*

## Design and Implementation Constraints

***CO-1:*** *The system shall not have smooth navigation on cross platforms due to react native.*

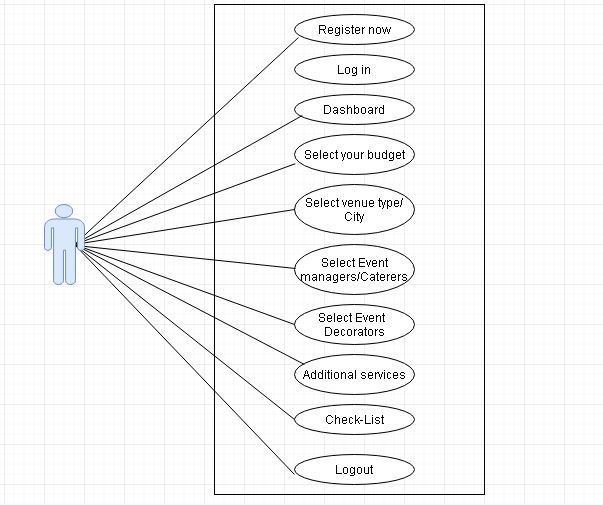
***CO-2:***  *The system shall use different APIs such as online payment methods.*

# Requirement Identifying Technique

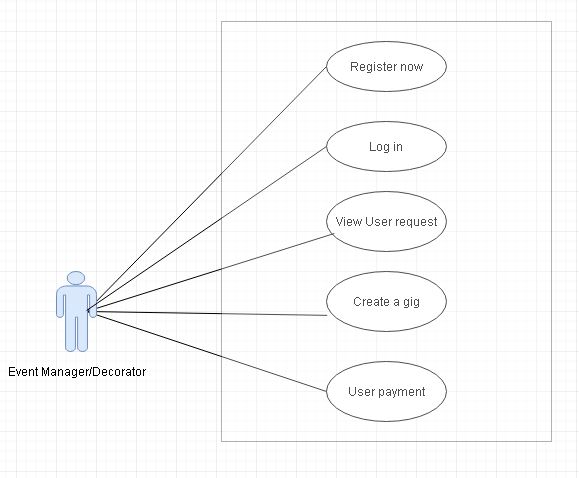
## Use Case Diagram

**User:**

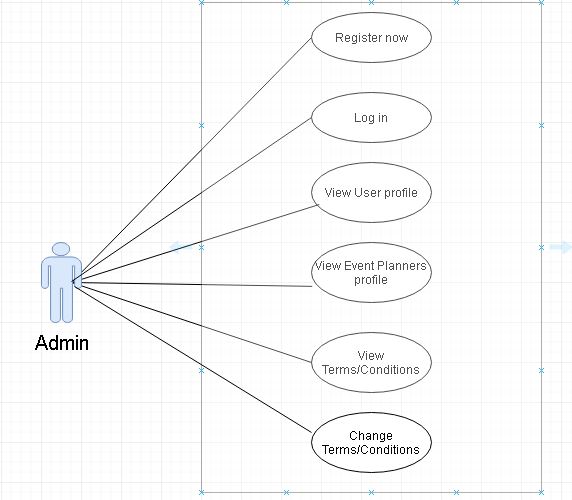
User



**Event planner**



**Admin**



## Use Case Description

|  |  |
| --- | --- |
| **Use Case ID:** | UC-1 |
| **Use Case Name:** | Register of Account |
| **Actors:** | Primary Actor: User Secondary Actor: Event Planner |
| **Description:** | The user will be able to Register account and use the application. |
| **Trigger:** | A User will click on “Register Now” to start registering. |
| **Preconditions:** | PRE-1. User has already accessed to the web page |
| **Postconditions:** | POST-1.User will be given access to fill from to register account. |
| **Normal Flow:** | 1. User will type the web URL or download application.  2. Patrorn will have option to Log in or Register now option.  3. User will click on “Register Now” option.  4. The form will be filled by user.  5. User will be sent and email verification request.  6. User will click on link sent to email for verfication  7. User will be registered. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 4a. If actor doesnot fill the required fields.  1.Prompt message will be shown to user to fill in required fields.  6a. User doesnot click on verification link.  1.The prompt message will shown to verify. |
| **Business Rules** | N/A |
| **Assumptions:** | 1. User should be able to access website  2. User should have and email account and phone no. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-2 |
| **Use Case Name:** | Login |
| **Actors:** | Primary Actor: User Secondary Actor: Event Planner |
| **Description:** | The user will be able to Login to registered account and use the application. |
| **Trigger:** | A User will click on “Login ” to start registering. |
| **Preconditions:** | PRE-1. User has already registered account. |
| **Postconditions:** | POST-1. User will be directed to login form. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 4a. If actor doesnot fill the required fields.  1.Prompt message will be shown to user to fill in required fields.  6a. User doesnot click on verification link.  1.The prompt message will shown to verify. |
| **Business Rules** | N/A |
| **Assumptions:** | 1. User should be able to access website  2. User should have and email account and phone no. |

Table 1: Textual Description of Dashboard

|  |  |
| --- | --- |
| **Use Case ID:** | UC-3 |
| **Use Case Name:** | Dashboard |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able to view the profile he has made and the invitation of guests so that every event happens on time.It will keep track of time so user can manage his profile from dashboard. |
| **Trigger:** | A User indicates that he will be landed on dashboard as soon as he logs into system where his profile would be visible |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. User will see his profile.  POST-2 User will start the process of booking  POST-3. Guest invitations will kept in track. |
| **Normal Flow:** | 1. User will click on dashboard  2. System will show user the dashboard and if event is not booked it will show null values in budget and other facilities a specific date.  3. User will be directed to select event if that event is not booked.  4. If User has incomplete profile he will be asked to update profile. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 1a. If the user has not completed profile.  1.User will be asked to update profile. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

# 

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| --- | --- |
| **Use Case ID:** | UC-4 |
| **Use Case Name:** | Selecting Budget |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able to select budget they want to use for the wedding |
| **Trigger:** | The user will click on the “Select budget range”. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. User will be able to select budget range.  POST-2 When user has budget range system will recommend user the best option on each step. |
| **Normal Flow:** | 1. User will select budget.  2. User will add budget.  3. User will proceed for booking. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 3a.If user doesnot select the budget.  1. User will not be recommended about best prices. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-5 |
| **Use Case Name:** | Select Venue type\ Location |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able to select the type of event they want to book and the location for the city. |
| **Trigger:** | A User will be asked “What are you looking for” and The user will select city and other facility options to search for. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. User will select a venue type which can be Marquee, Banquet hall or open space area.  POST-2 User will also select city and list of venues will be generated  POST-3. User can also search for venue name. |
| **Normal Flow:** | 1. User will click on Search bar “What are you looking for”.  2. User will select the option.  3. User will also be given options of cities.  4. User will also select venue types to book.  5.User can also search venue by name |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 3a.If user doesnot select the city.  1. If user doesnot select the city they will be notified to select to proceed. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-6 |
| **Use Case Name:** | Select Event Managers/ Caterers |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able to select Event managers who have registered in our system they will provide details about their services which will be provided. User will select the most suitable event managers from their city. |
| **Trigger:** | The user will select different food menu and pricing of hall on different timings. |
| **Preconditions:** | PRE-1. User is logged into system.  PRE-3: User has already selected the venue type and the hall.  PRE-3: Halls or Marquee must allow external Catering. |
| **Postconditions:** | POST-1. User will be able to select event managers for the booking.  POST-2 User will select facilities of event managers and will do payment to hire them for the event. |
| **Normal Flow:** | 1. User will search for event management teams from the search bar or it can find manually.  2. User will also provide city in which the event planners reside.  3. user will click on search to start searching.  4.From the list of event managers user can see details.  5. User will select the event managers service and will check for availability |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 2a. If the user doesnot provide city or select.  1. The user will be notified about the unfilled categories. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-7 |
| **Use Case Name:** | Select Event Decorators |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able to select Event decorators who have registered in our system they will provide details about their services which will be provided. User will select the most suitable event decoraters from their city with reasonable prices |
| **Trigger:** | The user will select city and Event type then search for the decorators who provide different themes to decorate. |
| **Preconditions:** | PRE-1. User is logged into system.  PRE-3: User has already selected the venue type and the hall.  PRE-3: Halls or Marquee must allow external Decorators. |
| **Postconditions:** | POST-1. User will be able to select event decorators for the booking.  POST-2 User will select facilities of event decorators and will select themes for the type of event provided by decorators to hire them for the event.  POST-3 User can check for availability. |
| **Normal Flow:** | 1. User will search for event decorator teams from the search bar or it can find manually.  2. User will also provide city in which the event decorators reside.  3. user will also prove type of event.  4.List of different themes of event will be provided by the decorators  5. User will select the event managers service and will check for availability and book. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 2a. If the user doesnot provide city or select.  1. The user will be notified about the unfilled categories. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-8 |
| **Use Case Name:** | Additional Services |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will select additional facilities that will not be part of Halls or Marquees. Additional facilities will include Hiring of photographers, Booking a car and Hiring of Musician. |
| **Trigger:** | The user will click on drop down menu of facilities which will include hiring of photographers, musician or booking car for the event. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system.  PRE-3: User has already selected the Venue.  PRE-4: User has already booked decorators and caterers of the event. |
| **Postconditions:** | POST-1. User will be able to add photographer with different charge rates.  POST-2 User will book transport facility for family guests.  POST-3. User can also hire musician/ DJ for the event. |
| **Normal Flow:** | 1. User will be asked about adding facilities to booking which would be user choice.  2. User will select photographers to hire and other mentioned facilities according to user need.  3. User can select in between that would be user choice to add facilities.  4. User can also skip this part if they want manage it according to event planner. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 1a.If user has not enough budget.  1. If users budget is exceeding limits it will not allow user to book unless he updates the budget. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-9 |
| **Use Case Name:** | CheckList |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be able see in check-list that what he has booked and can keep track of the decorators and caterers and all additional services will be displayed in checklist . |
| **Trigger:** | The user will click on “View Check-list” this will help user to view all the activities that has been booked with the total budget used. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system.  PRE-3: User has already booked entire event. |
| **Postconditions:** | POST-1. User will be able to see what he has booked and can add missing things from checklist.  POST-2 User can keep track of status of booked event. |
| **Normal Flow:** | 1. User will click on view Check-list  2. User can see all the event planner, caterers and decorators booked.  3. User will also keep track of all the events to happen.  4. User can see total budget used and compare with user budget  5.User can see budget variation and manage according to his budget. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 1a. If the user has not booked an event.  1. If the event is not booked the user will be shown no budget and guest invitation values. |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |
| **Use Case ID:** | UC-10 |
| **Use Case Name:** | Log out |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | User | |
| **Description:** | The user will be exit from system. |
| **Trigger:** | The user will click on the Logout. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has already Logged in. |
| **Postconditions:** | POST-1. User will be able to exit system  POST-2 user will only be notified via email if logged out. |
| **Normal Flow:** | 1. User will select menu from top.  2. User will click on log out to exit. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | N/A |
| **Business Rules** | N/A |
| **Assumptions:** | User has to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-11 |
| **Use Case Name:** | Guest listing |
| **Actors:** | |  |  | | --- | --- | | User |  | |
| **Description:** | The user will be to add indivisual guests and group of guest in the list and track who is coming and not invited category |
| **Trigger:** | User will Click on add guests and then user will be asked to add name of group or the person and select category. |
| **Preconditions:** | PRE-1. User is registered into Wedding planner.  PRE-2. User has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. User will add guest as indivisual or groups.  POST-2 User will categorize guests as brides guest or groom guests.  POST-3. User will shown number of accepted invitations or |
| **Normal Flow:** | 1. User will click on add guests.  2. Will select between category of brides or groom guests.  3. System will provide capacity of the hall that have been booked  4. Number of invited guests will be shown on list. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 2a. If the user has not selected bride guest category or groom  1. User guests will be added in draft if category is not selected. |
| **Business Rules** | N/A |
| **Assumptions:** | User has booked event. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-12 |
| **Use Case Name:** | View User requests |
| **Actors:** | |  |  | | --- | --- | | Event Manager,Event Decorators |  | |
| **Description:** | The event planner will be able to respond to user request for event planners, they can accept request according to their business needs. |
| **Trigger:** | Event planner will be notified about a user request when the user request. Which can be clicked as “Accept”, “Decline”. |
| **Preconditions:** | PRE-1. Event planner is registered into Wedding planner.  PRE-2. Event planner has successfully verified and logged in to system.  PRE-3: Has a profile already updated. |
| **Postconditions:** | POST-1. Event planner will be able to post requests for planning event and make a service to attract user to reach their profile.  POST-2 Event planner can receive user requests who have seleted the event planner team.  POST-3. They can accept or decline user request. |
| **Normal Flow:** | 1. Planner will update profile and post request for events  2. Planner will be able to see user request for booking  3. Planner can decide to accept user request or decline  4. Planner can discuss with user about planning custom events. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 1a. If the user has incomplete profile  1. Event planner must have complete profile. |
| **Business Rules** | User must hire event planner according to the budget and do payment. |
| **Assumptions:** | Event planner must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-13 |
| **Use Case Name:** | Create service |
| **Actors:** | |  |  | | --- | --- | | Event Manager,Event Decorators |  | |
| **Description:** | The event planner will be able to create a service for the services they are offering and they will provide pricings according to it. |
| **Trigger:** | Event planner will click on “Create service”. |
| **Preconditions:** | PRE-1. Event planner is registered into Wedding planner.  PRE-2. Event planner has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. Event planner be able to create service to provide to users.  POST-2 Event planner will mention all services included in the service. |
| **Normal Flow:** | 1. Event planner will create service.  2. Event planner will add all the facilities.  3. The event planner will create service. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | N/A |
| **Business Rules** | Event planner must not provide services less than 5000 Rs. |
| **Assumptions:** | Event planner must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-14 |
| **Use Case Name:** | User Payment |
| **Actors:** | |  |  | | --- | --- | | Event Manager,Event Decorators |  | |
| **Description:** | The event planner will be able to process and receive payment from user via easypaisa or credit card payment. Once the Event planner approves payment user can further request. |
| **Trigger:** | Event planner will click on “Request payment” from user to request for payment. |
| **Preconditions:** | PRE-1. Event planner is registered into Wedding planner.  PRE-2. Event planner has successfully verified and logged in to system.  PRE-3: Event planner has accepted and confirmed user request to hire event planner for customized venue decoration. |
| **Postconditions:** | POST-1. Event planner will approve payment  POST-2 Event planner will receive money online. |
| **Normal Flow:** | 1. Event planner will request user for the payment.  2. If user successfully pays via given method.  3. The event planner will approve the payment. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 2a. If the event planner has not mentioned specific payment method.  1. The user must be asked to use suitable payment method. |
| **Business Rules** | N/A |
| **Assumptions:** | Event planner must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-15 |
| **Use Case Name:** | View Users profile |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | Admin | |
| **Description:** | The admin will be able to view users profile information. |
| **Trigger:** | Admin will click on “View Profile” to view user profile. |
| **Preconditions:** | PRE-1. Admin should have website access.  PRE-2. Admin should be signed into system.  PRE-3: System must be registering users. |
| **Postconditions:** | POST-1. Admin will have access to user profile  POST-2 Event planner will receive money online. |
| **Normal Flow:** | 1. Event planner will request user for the payment.  2. If user successfully pays via given method.  3. The event planner will approve the payment. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | 2a. If the event planner has not mentioned specific payment method.  1. The user must be asked to use suitable payment method. |
| **Business Rules** | N/A |
| **Assumptions:** | Admin must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-16 |
| **Use Case Name:** | View Event managers/decorators profile |
| **Actors:** | |  |  | | --- | --- | | Primary Actor: | Admin | |
| **Description:** | The admin will be able to view event managers profile information. |
| **Trigger:** | Admin will click on “View Profile” . |
| **Preconditions:** | PRE-1. Admin should have website access.  PRE-2. Admin should be signed into system.  PRE-3: System must have registered Event managers. |
| **Postconditions:** | POST-1. Admin will have access to managers profile  POST-2 Admin can report or remove any manager. |
| **Normal Flow:** | 1. Admin will click on view profile of the manager.  2. All the details will be shown to admin  3. Admin can also notify the profile holder. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | N/A |
| **Business Rules** | N/A |
| **Assumptions:** | Admin must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-17 |
| **Use Case Name:** | View terms and conditions |
| **Actors:** | |  |  | | --- | --- | | Admin |  | |
| **Description:** | Admin can view all the terms and condition of the system use. |
| **Trigger:** | Admin will click on “view policies”. |
| **Preconditions:** | PRE-1. Admin is registered into Wedding planner.  PRE-2 Admin has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. Event planner will be able to see policies and edit them. |
| **Normal Flow:** | 1. Admin will click on terms and conditions.  2.Admin edit them. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | N/A |
| **Business Rules** | N/A |
| **Assumptions:** | Admin must to be registered in our system. |

|  |  |
| --- | --- |
| **Use Case ID:** | UC-18 |
| **Use Case Name:** | Change terms and conditions |
| **Actors:** | |  |  | | --- | --- | | Admin |  | |
| **Description:** | Admin can change terms and conditions of system. |
| **Trigger:** | Admin will click on “Edit policies”. |
| **Preconditions:** | PRE-1. Admin is registered into Wedding planner.  PRE-2 Admin has successfully verified and logged in to system. |
| **Postconditions:** | POST-1. Admin will be to edit all terms and conditions. |
| **Normal Flow:** | 1. Admin will click on terms and conditions.  2.Admin will click on edit.  3.After changing admin will click on “Save Changes”  4.When user or event manager log in they will be notified for the changes. |
| **Alternative Flows:** | N/A |
| **Exceptions:** | N/A |
| **Business Rules** | N/A |
| **Assumptions:** | Admin must to be registered in our system. |

# Functional Requirements

## Functional Requirement for sign up

Table 1: Description of fill sign up form

|  |  |
| --- | --- |
| **Identifier** | FR-1.1 |
| **Title** | Fill Sign up form. |
| **Requirement** | The user shall be able to fill account details in sign up form to sign up for the system. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To Register account |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-1.2 |
| **Title** | Email Verification link |
| **Requirement** | The user shall be able to verify his/her email address by clicking a verification link sent to the user email. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To Verfity email address |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 1.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-1.3 |
| **Title** | Correct password |
| **Requirement** | The user shall be able to enter password and re-enter password to confirm. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To choose correct password and confirm by re-entering. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 1.2 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-1.4 |
| **Title** | Account Register |
| **Requirement** | The user will register account by clicking on “Register Now” |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To confirm Registeration of account. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 1.3 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-2.1 |
| **Title** | Log in |
| **Requirement** | The user will Login to account using email address and password created. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | User can log in to system |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 1.4 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-3.1 |
| **Title** | Forget password |
| **Requirement** | The user can recover password using email verification link |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To recover password. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-3.2 |
| **Title** | Renew password |
| **Requirement** | The user shall be able to rrenew password. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To change password of system and get back to account. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 3.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-4.1 |
| **Title** | Account Sign out |
| **Requirement** | The user will sign out of the account in case of not using. |
| **Source** | User, Admin, Event Planner |
| **Rationale** | To exit system. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

**Functional Requirement 5: Event management**

|  |  |
| --- | --- |
| **Identifier** | FR-5.1 |
| **Title** | Dashboard |
| **Requirement** | The user will click on dashboard to keep track of the event or to start booking the event and hiring suppliers. |
| **Source** | User |
| **Rationale** | To keep track of event and starting of booking |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 2.1 |
| **Priority** | High |

**Functional Requirement 6: Booking Event**

|  |  |
| --- | --- |
| **Identifier** | FR-6.1 |
| **Title** | Select city |
| **Requirement** | The user will be able to select city in which event has to be arranged. |
| **Source** | User |
| **Rationale** | To select a city to book event. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 5.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.2 |
| **Title** | Select your budget |
| **Requirement** | The user will select the budgert amount upto which he can afford. |
| **Source** | User |
| **Rationale** | To add budget of event. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 5.2 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.3 |
| **Title** | Select event type |
| **Requirement** | The user will be able to select event to book customly using event planners or use default planner of the venue management. |
| **Source** | User |
| **Rationale** | To select type of event. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 5.5 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.4 |
| **Title** | Find nearby venue to book |
| **Requirement** | The user will be able to check nearby venues which can be booked in the particular city. |
| **Source** | User |
| **Rationale** | To select a neaby marquee or hall |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 5.6 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.6 |
| **Title** | Check availability |
| **Requirement** | The user will be able to see hall details, Prices and other information. |
| **Source** | User |
| **Rationale** | To check hall details. |
| **Business Rule (if required)** | N/A |
| **Dependencies** |  |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.5 |
| **Title** | Select time and date for booking |
| **Requirement** | The user will select hall booking time and date |
| **Source** | User |
| **Rationale** | To select time of booking |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 6.4 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.6 |
| **Title** | Select total number of expected guests. |
| **Requirement** | The user will be able to select total number of guest while boking of the selected hall. |
| **Source** | User |
| **Rationale** | To select no of guests for the hall. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 6.5 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-6.6 |
| **Title** | Select total number of guests. |
| **Requirement** | The user will be able to select total number of guest while boking of the selected hall. |
| **Source** | User |
| **Rationale** | To select no of guests for the hall. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 6.5 |
| **Priority** | High |

**Functional requirement 7: Selecting Event Managers/ Caterers**

|  |  |
| --- | --- |
| **Identifier** | FR-7.1 |
| **Title** | Search for Event Planners/ Caterers |
| **Requirement** | The user will be able to select from the list of event management teams who have posted their profiles. |
| **Source** | User |
| **Rationale** | To select event palnners for the wedding event. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-7.2 |
| **Title** | Select complete services or custom services |
| **Requirement** | The user will be able to select between complete services offered by the event planner or custom services. |
| **Source** | User |
| **Rationale** | To select services offered by planner. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 7.1 |
| **Priority** | High |
| **Identifier** | FR-7.3 |
| **Title** | Set location/ date |
| **Requirement** | The user will also select all the event details that have been arranged to send it to the management. |
| **Source** | User |
| **Rationale** | To confirm and give information to event planners. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 7.2 |
| **Priority** | High |

**Functional requirement 8: Selecting Decorators/ Florists**

|  |  |
| --- | --- |
| **Identifier** | FR-8.1 |
| **Title** | Select event type |
| **Requirement** | The user will select the event type to find reasonable price of themes posted with different decorators and florists. |
| **Source** | User |
| **Rationale** | To select event type and theme for decoration. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-8.2 |
| **Title** | Select themes |
| **Requirement** | The user will select the themes by all the decorators who will offer decoration of themes with their disrciption and prices. |
| **Source** | User |
| **Rationale** | To select event type and theme for decoration. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 8.1 |
| **Priority** | High |

**Functional requirement 9: Additional Facilities**

|  |  |
| --- | --- |
| **Identifier** | FR-9.1 |
| **Title** | Select additional services |
| **Requirement** | The user will select additional services which can be photographer, Musician or transport facility. |
| **Source** | User |
| **Rationale** | To add additional services. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-9.2 |
| **Title** | Hire a photographer |
| **Requirement** | The user will select the themes by all the decorators who will offer decoration of themes with their disrciption and prices. |
| **Source** | User |
| **Rationale** | To select event type and theme for decoration. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 9.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-9.3 |
| **Title** | Hire a Musician |
| **Requirement** | The user will select the themes by all the decorators who will offer decoration of themes with their disrciption and prices. |
| **Source** | User |
| **Rationale** | To select event type and theme for decoration. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 9.1 |
| **Priority** | High |
| **Identifier** | FR-9.4 |
| **Title** | Book a transport |
| **Requirement** | The user will be able to book transport for a day to rent it for the event. |
| **Source** | User |
| **Rationale** | To select transport services. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 9.1 |
| **Priority** | High |

**Functional requirement 10: Post Service**

|  |  |
| --- | --- |
| **Identifier** | FR-10.1 |
| **Title** | Add media/ Info/ Prices |
| **Requirement** | The event management will be able to add media and information for the service they are providing. |
| **Source** | Event Planner/ Caterer |
| **Rationale** | To make a service service. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-10.2 |
| **Title** | User details |
| **Requirement** | The manager will check user details who wants to book their caterers and proceed futher. |
| **Source** | Event Planner/ Caterer |
| **Rationale** | To check user details and verify it |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 10.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-10.3 |
| **Title** | User payment |
| **Requirement** | The management will accept user payment online. |
| **Source** | Event Planner/ Caterer |
| **Rationale** | To get user payment |
| **Business Rule (if required)** | Payment will be blocked for until the management starts working. |
| **Dependencies** | 10.2 |
| **Priority** | High |

**Functional requirement 11: Admin**

|  |  |
| --- | --- |
| **Identifier** | FR-11.1 |
| **Title** | Check user profile |
| **Requirement** | The admin will check user profile and see information |
| **Source** | Admin |
| **Rationale** | To to verify users on the system |
| **Business Rule (if required)** | N/A |
| **Dependencies** | N/A |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-11.2 |
| **Title** | Block user |
| **Requirement** | The admin can block user who has been reported in numbers. |
| **Source** | Admin |
| **Rationale** | To block irrelevant users. |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 11.1 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-11.3 |
| **Title** | Approve Event manager services. |
| **Requirement** | The admin will approve al the services posted to prove their authenticity. |
| **Source** | Admin |
| **Rationale** | To approve services |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 11.2 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-11.4 |
| **Title** | Update terms/conditions |
| **Requirement** | The admin can update terms and conditions and business policies. |
| **Source** | Admin |
| **Rationale** | To update terms and conditions |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 11.3 |
| **Priority** | High |

|  |  |
| --- | --- |
| **Identifier** | FR-11.5 |
| **Title** | Approve Services |
| **Requirement** | The admin will approve all the posted service services by the Caterers or decorators. |
| **Source** | Admin |
| **Rationale** | To approve authentic services |
| **Business Rule (if required)** | N/A |
| **Dependencies** | 11.4 |
| **Priority** | High |

# Non-Functional Requirements

## Usability

**USE-1:** The user will be given ease of use by making interface user friendly and easier to understand.

**USE-2:** User will be notified for every wrong step that they perform and system will provide hints to use system in a better way.

**USE-3:** User will be notified for every detail.

**USE-4:** System will be notified by chat-bot to encourage user to use system.

## Supportability

**SUP-1:** System shall be able to support all the web browsers including Google Chrome, Safari, Mozilla Firefox and other browsers.

## Security

**SEC-1:** The webpage must be HTTPS with additional security layer.

**SEC-2:** ReCAPTCHA will have to completed in case of inactivity.

**SEC-3:** Website SEO will be done to prevent hacking attacks.

**3.7 Performance**

**PER-1:** System shall load the page within 5 sec.

**PER-2:** System shall allow more then 1000 users to access website.

**PER-3:** System will be updated regularly to avoid issues.

# External Interface Requirements

## User Interfaces

**UI-01:** Front-End of web will developed using React JS with latest features of front end design.

**UI-02:** Bootstrap will be used to design CSS functionality.

**5.2 Software Interfaces**

**SI-01:**The system will use google and other built-in api for the purpose for full and final and for the accuracy of website.

**SI-02:**The system will use MongoDB as a database to retrieve and store data

**SI-03:**The Payment method API is on the availability of time.

## Hardware Interfaces

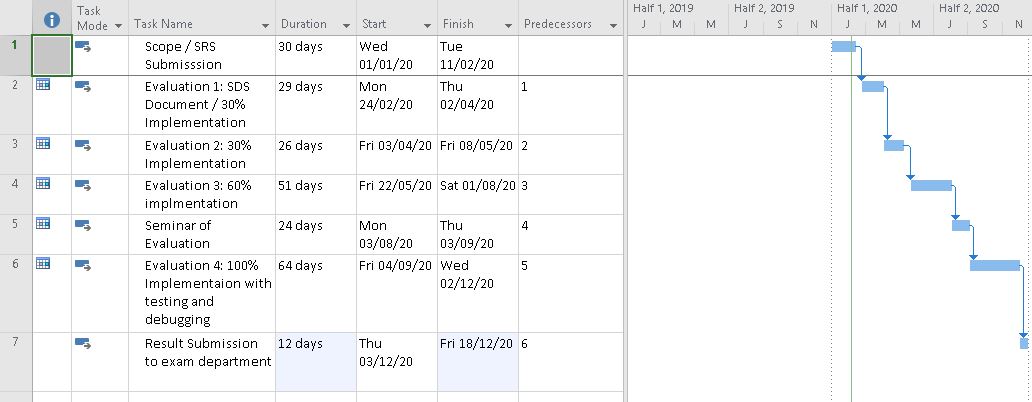
**HI-01:** Desktop and Andriod mobile phones can be used for the system to run.

## Communication Interfaces

**CI-01:**The system will communicate with APIs google map and database

**CI-02:**The system will also communicate with client and service provider for the sake of interaction between each other

# Project Gantt Chart

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# References

* **Final year project handbook (Author: Professor D Vernon)**

# Plagiarism Report

# Attach the Plagiarism report of the targeted project scope document from the library staff of Turnitin tool (<http://turnitin.com>).