University Website

Business Requirements Document

V1.0

	Prepared By / Last Updated By	Reviewed By	Approved By
Name	Cognizant Academy		
Role			
Signature			
Date			

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1.0 Introduction

1.1 Purpose of this document

This document is aimed at:

- Providing the necessary inputs to the detailed requirements gathering phase and further on for the SDLC processes.

- This document also serves to establish the traceability between the Business Objectives and the requirements identified in the proposed solution and how they satisfy the stated objectives.

- Provide expectation traceability in terms of the requirements and the user expectation

- Serves as a formal template for documenting the Business Requirements which also includes statutory and regulatory requirements.

The purpose of this document is to systematically capture requirements for the project and the system to be developed. Functional requirements are captured in this document. It also serves as the input for the project scoping.

1.2 Project Overview

1.2.1 Problem Statement

The University Students' Union is an organization created to support students and provide advocacy, events, clubs and services to enhance their experience at the University. Independent of the institution, they are run by students. Improve overall aesthetic and user experience and to make the site more engaging. The requirement is to create a highly usable, search-able and browse-able Club catalogue for improved engagement. Develop an Events calendar to clearly show upcoming events and drive attendance (How many are attending; how many are interested/not interested like in Facebook).

1.2.2 Objectives

Below are the objectives that shall be fulfilled post the execution of this project:

- User Registration, Authentication, and Encryption

- Get Information about Union

- Give Suggestions, Raise Complaints

- Check,search, mark events calendar

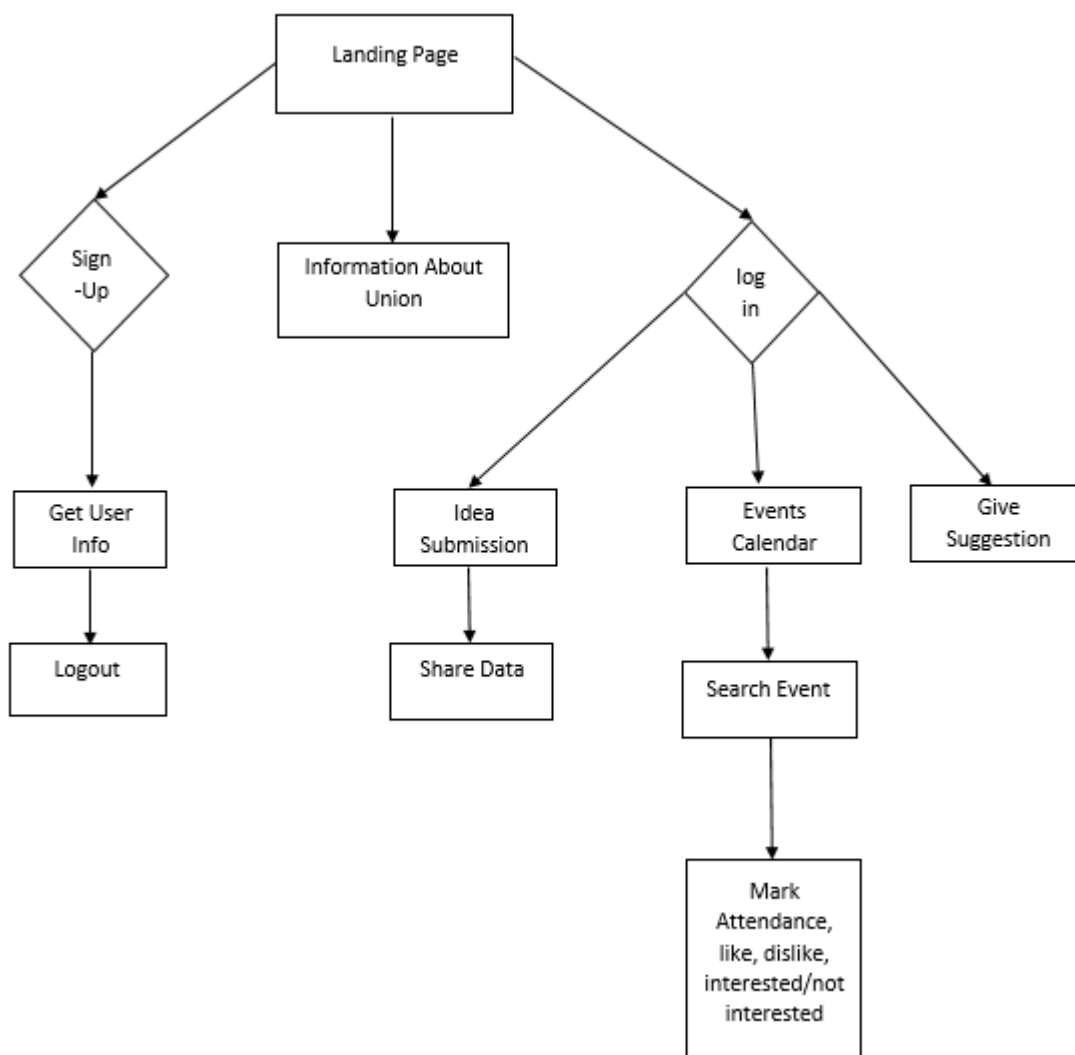- Join club,Leave club, Idea submission, share ideas

1.3 Intended Audience

- Interns/Project Team

- Mentors and SME's

- Delivery assurance/excellence group
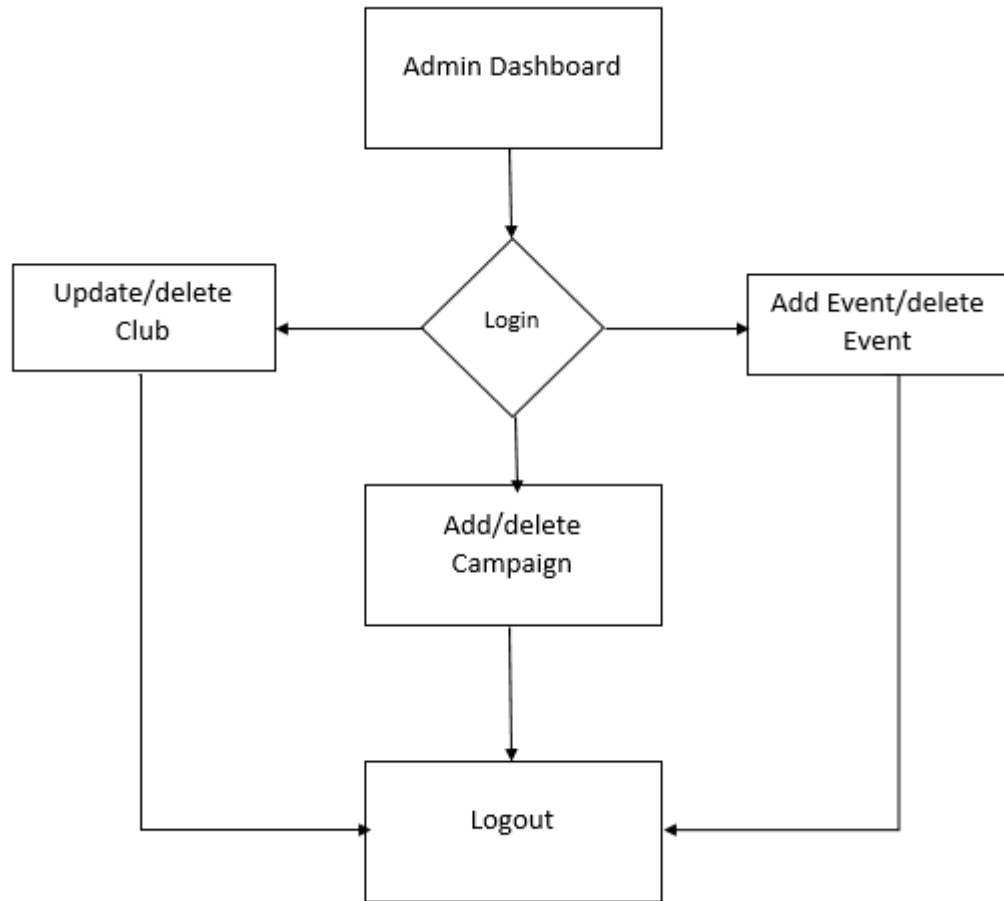
2.0 Process Architecture

Below is the overall functional flow of the project including the components of interaction

User Side

Admin Side

3.0 High Level Business Requirements

S.No.	Business Requirement ID	Short Description	Description in detail	Interacting Business Processes
1	Req_1	User Registration	Ability of the system to procure the fundamental details of the user	
2	Req_2	User Authentication and Encryption	Ability of the system to authenticate the user credential and Encrypt the Password of the registered user	
3	Req_3	Events Calendar	Abilty of system to show an events calendar	
4	Req_4	Idea Submission	Users can submit ideas and vote	
5	Req_5	Complaints/Suggestion	Ability of users to give their opinions , complaints	
6	Req_6	Clubs	Ability of users to join clubs	

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7	Req_7	Admin Work	Admin should be able to access dashboard and do necessary work	

4.0 Detailed Business Requirements

4.1   Functional Requirements

The functional requirements are charted for each of the high level requirements called out in the earlier section:

Additionally, the following elements are captured for each business requirement in the table provided below:-

* Req. Type = (F Core Functionality, E Exception, UI User Interface, R Reporting)

** Priority of Requirement = (1=Base Functionality, 2=Advanced Functionality,

3=Additional Opportunities)

** Originator = (Name of the business process of the system/ department or function

name in the customer organization)

The Requirements in this document are prioritized as follows:

Value	Rating	Description
1	Critical	This requirement is critical to the success of the project. The project will not be possible without this requirement.
2	High	This requirement is high priority, but the project can be implemented at a bare minimum without this requirement.
3	Medium	This requirement is somewhat important, as it provides some value but the project can proceed without it.
4	Low	This is a low priority requirement, or a "nice to have" feature, if time and cost allow it.
5	Future	This requirement is out of scope for this project, and has been included here for a possible future release.

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Remarks
Req_1.1	User Registration	When the user clicks on the registration link, it should re-direct to registration form.	UI	Critical	NA	Req_1	
Req_1.2	User Registration	User needs to fill some of the basic attributes/fields as mentioned below in requirement: First Name, Last Name,Mobile Number,E-mail User Id, Password,Age, Gender, Club	UI	Critical	NA	Req_1	Please refer to Table 1.0 under References

Req. #	Rationale Categorization	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requirement / Use case ID	Remarks
Req_1.3	User Registration	Mobile Number and Email Id is verified at the back end	F	Critical	NA	Req_1	
Req_1.4	User Registration	Clicking 'Submit' should validate the datatype constraints for each field	F	Critical	NA	Req_1	
Req_1.5	User Registration	Password is encrypted by the system	F	Medium	NA	Req_1	
Req_1.6	User Registration	User failing to provide information on the mandatory fields be provided with an alert message – 'Please update the highlighted mandatory field(s).' Also, highlight the missed out field in red	E	Medium	NA	Req_1	
Req_1.7	User Registration	Upon saving the information in the database, display the message 'Your details are submitted successfully'. And the user is logged out	E	Medium	NA	Req_1	
Req_2.1	Credential Authentication	A registered user – is able click 'Login' link, after keying in 'UserID' & 'Password' field	UI	Critical	NA	Req_2	
Req_2.2	Credential Authentication	On Click – user is authenticated from the database and password is decrypted and matched	F	Critical	NA	Req_2	
Req_3.1	Events Calendar	User is successfully able to access an upcoming event calendar	UI	Critical	NA	Req_3	
Req_3.2	Events Calendar	User Is able to search for events using event name, event ID or all events between 2 given dates	Ui	Critical	NA	Req_3	
Req_3.3	Events Calendar	User should be given a message or alert if an event has already finished or does not exist	E	High	NA	Req_3	
Req_3.4	Events Calendar	Start date should not be greater than end date or en error message should be displayed	UI	High	NA	Req_3	
Req_3.5	Events Calendar	Users should be able to mark their attendance to the events	F	Critical	NA	Req_3	
Req_3.6	Events Calendar	User should be able to mark Interested or not interested in an event	F	High	NA	Req_3	
Req_3.7	Events Calendar	Users should be able to see which other members are going to that event	F	High	NA	Req_3	
Req_3.8	Events Calendar	Users should be able to like or dislike a certain event	F	Medium	NA	Req_3	
Req_3.9	Events Calendar	Users should be able to check list of similar upcoming events	F	Critical	NA	Req_3	
Req_3.10	Events Calendar	Users should be able to comment on the events	Ui	Critical	NA	Req_3	

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Req. #	Rationale Categorizatio n	Business Requirement	Req. Type *	Priority **	Originator ***	BR Traced to Business Requireme nt / Use case ID	Remarks
Req_ 3.11	Events Calendar	Users should be able to share events across categories and apps	F	High	NA	Req_3	
Req_4.1	Idea Submission	Users should have a page to submit ideas	UI	Critical	NA	Req_4	
Req_4.2	Idea Submission	Users should be able to view ideas only from a certain topic	F	Critical	NA	Req_4	
Req_4.3	Idea Submission	Users should be able to vote or downvote an idea	F	High	NA	Req_4	
Req_4.4	Idea Submission	Users should be able to share ideas across Apps	F	High	NA	Req_4	
Req_4.5	Idea Submission	Users should be able to search for ideas	F	Medium	Na	Req_4	
Req_4.6	Idea Submission	Users should be able to comment on the Ideas	F	High	NA	Req_4	
Req_4.7	Idea Submission	Users should be able to share events across categories and apps	F	High	NA	Req_4	
Req_5.1	Complaints /Suggestion	Users should have a page to give their grievances	UI	Critical	NA	Req_5	
Req_ 5.2	Complaints /Suggestion	Users should be able to enter Information such as topic, subtopic, details about a grievance	UI	Critical	NA	Req_5	
Req_5.3	Complaints /Suggestion	Uses should be able to give suggestions on a topic	F	Critical	NA	Req_5	
Req_5.4	Complaints /Suggestion	Users should get a timeline till when grievance is expected to resolve	F	Critical	NA	Req_5	
Req_6.1	Clubs	Users should be able to get a list of clubs he can join	Ui	Critical	NA	Req_6	
Req_6.2	Clubs	Users should be able to check his eligibility for a certain club	F	Critical	NA	Req_6	
Req_6.3	Clubs	Users should be able to join a club	F	Critical	NA	Req_6	
Req_6.4	Clubs	Users should be able to leave a club	F	Critical	NA	Req_6	
Req_6.5	Clubs	Users should be able to filter his profile feed with only clubs posts	F	High	NA	Req_6	
Req_6.6	Clubs	Users must get their designation along side their name in club	F	High	NA	Req_6	
Req_6.7	Clubs	Users should be able to see all the members of a club	F	High	NA	Req_6	
Req_6.8	Clubs	Users should be able to chat with other members of the club	F	Critical	NA	Req_6	
Req_7.1	Admin Work	Admin should have a seprate dashboard	UI	Critical	NA	Req_7	
Req_7.2	Admin Work	Admins should be able to create / delete event campaigns	F	Critical	NA	Req_7	
Req_7.3	Admin Work	Admins should be able to moderate a submitted idea	F	High	NA	Req_7	
Req_7.4	Admin Work	Admins should be able to Update/delete club	F	High	NA	Req_7	
Req_7.5	Admin Work	Admin should be able to remove a certain club member	F	High	NA	Req_7	
Req_7.6	Admin Work	Admin should be able to add / delete events	F	High	NA	Req_7	
Req_7.7	Admin Work	Admin should be able to share news stories about an event	F	Medium	NA	Req_7	

5.0 References

5.1   Table 1.0

Field Name	Field Type	Data Type	Mandatory	Possible Values
First Name	Text(50)	Alphabetic	Yes	
Last Name	Text(50)	Alphabetic	Yes	
Mobile Number	Text(10)	Numeric	Yes	
Age	Text(3)	Numeric	Yes	0-110
Gender	Text(1)	Alphabetic	Yes	M,F,T
Email	Text(45)	Alphabetic	Yes	
UserId	Text(15)	Alphanumeric	Yes	
Password	Text(15)	Alphanumeric	Yes	
Club	Dropdown	Alphabetic	Yes	

5.2   Table 2.0

Field Name	Field Type	Data Type	Mandatory	Possible Values
Event Name	Text(20)	Alphabetic	Yes	
Event ID	Text(15)	Alphanumeric	Yes	
Event date	Text(10)	Date	Yes	
Event description	Text(200)	Alphabetic	Yes	

5.3   Table 3.0

Field Name	Field Type	Data Type	Mandatory	Possible Values
Campaign Name	Text(50)	Alphabetic	Yes	
Campaign Start date	Date	Numeric	Yes	
Campaign End date	Date	Numeric	Yes	
Campaign contact person	Text(10)	Numeric	Yes	9xxxxxxx
Event Name	Dropdown	Alphabetic	Yes	

6.0 Terms and conditions

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7.0 Change Log

Version Number	Changes Made			
V1.0.0	Initial baseline created on <dd-Mon-yy> by <Name of Author>			
Vx.y.z	<Please refer the configuration control tool / change item status form if the details of changes are maintained separately. If not, the template given below needs to be followed>			
	Section No.	**Changed By**	**Effective Date**	**Changes Effected**