

February 19, 2023

1 Requirement Analysis

1. Functional Requirement:

- System Requirement:

- Data store: It will store the recorded files and documents and save them for future use.
- Data retrieve: It will identify and extract datas from database based on the query provided and will enable the fetching of data.
- Data update: It will update datas to modify the existing datas like- to add new features or to fix some problems.

- User Requirement:

- member
 - (a) Log In : Any member of GUCC can log in their account using this website
 - (b) Form fill up/Participation : Members of GUCC can participate in different competitions organized by the GUCC by filling up forms provided in this website
 - (c) Searching : The members of GUCC can search for any contents in the blogging section
 - (d) Events : A member can see the Ongoing Events
 - (e) Blood Donation : A member can see the available blood donors and also update his/her information on the blood donation page
- admin
 - (a) Photo Gallery : Admin can update the photo gallery of the website
 - (b) Notice Board : Admin can update the notice board of the website
 - (c) Forms : Admin can upload and maintain different types of forms
 - (d) Member Add/Delete/Update : Admin can update member status

- (e) Events : Admin can update the Ongoing Events
- (f) Blogs : Admin can add blogs about any events or topics

- visitor

- (a) View Blogs and Photo Gallery : A simple visitor can audit the blogs and photo gallery of the website
- (b) View Notice Board : A simple visitor can view the Notice Board
- (c) Modes : A visitor can Switch between Dark Mode and Light Mode
- (d) Events : A visitor can see the Ongoing Events

2. Non functional-requirement:

- (a) Security: Only the admin is permitted access to the sensitive data for security reasons.
- (b) Capacity : Powerful enough to meet changing demands of the client.
- (c) Compatibility
- (d) Reliability and Availability:All GUB faculty, staff, and students will have access to this website, including visitors in some features.
- (e) Maintainability:Our website is well maintained with the help of our admin.