**Software Requirement Specification**

**User Module**

**R1 Registration**

**Description:** User will create an account if there is no existing account associated with user email id.

**Input:** User details

**Output:** Successfully registered if email is valid.

**Processing:** Check for email redundancy.

**R2 Login**

**Description:** User must be registered in order to login.

**Input:** Email id and password.

**Output:** Redirects to homepage.

**Processing:** For valid email and password the user is logged in.

**R3 User Timeline**

**Description:** Here user can post on the timeline and can comment to various posts.

**Input:** User post contents on the timeline.

**Output:** User posts are displayed on the timeline.

**Processing:** Posts and comments are stored in database.

**R4 Posts**

**Description:** User can add, edit, view and delete posts.

**R4.1 Add Posts**

**Input:** User inserts new posts.

**Output:** Posts are inserted into the database.

**R4.2 Edit Posts**

**Input:** User can make changes to the existing posts.

**Output:** Posts are updated in timeline as well as database.

**R4.3 View Posts**

**Input:** User selects specific posts.

**Output:** Posts selected along with associated comments will be displayed.

**R4.4 Delete Posts**

**Input:** User selects specific posts to be deleted.

**Output:** Selected posts are deleted from the timeline as well as database.

**R5 Member’s Page**

**Description:** Here different accounts of registered members are displayed.

**Input:** Selects Member profile.

**Output:** Member profiles are displayed.

**Processing:** Members details are fetched from database.

**R6 Edit User Profile**

**Description:** Here user should be able to edit the account details like name, email id, password and can upload a profile picture.

**Input:** Modify details

**Output:** Updates are displayed on profile.

**Processing:** Updates the database.

**R7 Search**

**Description:** Here user should be able to search topics.

**Input:** Search topic

**Output:** Search results are displayed.

**Processing:** Posts related to the searched topic are fetched from database.

**R8 Logout**

**Description:** Here user logouts from the website.

**Input:** Select logout button.

**Output:** User will be redirected to the login page.

**Processing:** User is logged out from the current session.

**Admin Module**

**R1 User Profile edits**

**Description:** Admin can view, edit or delete user’s profile.

**R1.1 View Profile**

**Input:** Admin clicks on a particular profile.

**Output:** Selected profile is viewed by admin.

**Processing:** Fetches all the information of the particular profile from the database.

**R1.2 Delete Profile**

**Input:** Admin clicks delete option on a particular profile.

**Output:** Selected profile is deleted.

**Processing:** Removes all the information of the particular profile from the database.

**R2 User Posts edits**

**Description:** Admin can view, edit or delete user’s posts.

**R2.1 View Post**

**Input:** Admin clicks on a particular post.

**Output:** Selected post is viewed by admin.

**Processing:** Fetches the selected post from the database.

**R2.2 Delete Post**

**Input:** Admin clicks delete option on a particular post.

**Output:** Selected post is deleted.

**Processing:** Removes the selected post from the database.

**R3 Topic edit**

**Description:** Admin can view, edit or delete topics.

**R3.1 View Topic**

**Input:** Admin clicks on a particular topic.

**Output:** Selected topic is viewed by admin.

**Processing:** Fetches all the information of the selected topic from the database.

**R3.2 Delete Topic**

**Input:** Admin clicks delete option on a particular Topic.

**Output:** Selected topic and its related posts are deleted.

**Processing:** Removes all the information of the selected topic from the database.