

# Social Networking Platform

## PROBLEM DESCRIPTION:

Develop a social networking platform which has all the functionalities of an usual social networking site. It must handle multiple user accounts and their virtual relation with each other.

## BUSINESS SCENARIOS:

Scenario-1	User wants to login to his account.
Prerequisites	User must be a valid account holder of the platform.
Input	User login id and password.
Steps	1. Go to login page. 2. Insert credentials. 3. Press login.
Results	User is logged in and redirected to his home page.

Scenario-2	User wants to upload a post(image/text).
Prerequisites	User must be logged in.
Input	Image/textual content.
Steps	1. Go to home page. 2. Type the text to upload. 3. Upload an image if required. 4. Press upload.
Results	Post is uploaded and friend of user can see the post.

Scenario-3	User wants comment on a post or like a post.
Prerequisites	User must be logged in. User must be friend of the user who uploaded the post.
Input	
Steps	1. Open the post. 2. Type the comment in comment box or click like button. 3. Post the comment by clicking comment button.
Results	Posted comment is listed in the comment list of the post in consideration.

Scenario-4	User wants to share his/her friends post on his/her own wall.
Prerequisites	User must be logged in. User must be friend of the user who's post he/she wants to share.
Input	
Steps	1. Open the post. 2. Click share button. 3. Write a caption if desired. 4. Click post button.
Results	Post is added to user's wall.

Scenario-5	User wants to send friend request to other user.
Prerequisites	User must be logged in. The other user must be a valid user.
Input	Name of the user to whom friend request is to be sent.
Steps	1. Enter name in the search box and hit search button. 2. Select user from the search results. 3. Send request to that user.
Results	Friend request sent.

Scenario-6	User wants to block a friend.
Prerequisites	User must be logged in.
Input	Name of the friend who must be blocked.
Steps	1. Go to friend list. 2. Select user from the friend list. 3. Block the user.
Results	Friend is blocked/removed from friend list.

## E-R diagram:

