

**Use case:** Register on the social network

**Over view:** A User creates an account in order to use the social network.

**Actors:** User, System.

**Pre-conditions:** none.

**Main success scenario:**

- 1-User creates a unique user name.
- 2-System verifies that the name is unique or asks for another one.
- 3-User creates a password.
- 4-User is registered on the network
- 5-<<Include use case>>Suggest friends.

**Use case:** Login

**Over view:** A User logs in to the network with his user name and password.

**Actors:** User, System.

**Pre-conditions:** User already has an account.

**Main success scenario:**

- 1- User asks to login.
- 2- System asks for User name and password.
- 3- System verifies the user name and password.
- 4- If user name doesn't exist, System suggests signing up.

**Use case:** Reactions

**Over view:** Users can like, dislike, react sad or love and many others reactions on any post.

**Actors:** User.

**Pre-conditions:** User is logged in, user has friends or he himself posted on his timeline

**Main success scenario:**

1. User is browsing his timeline or his newsfeeds
2. He find different posts
3. After reading the post , He got an impression about what he read so he can express it using a reaction

**Use case:** Comments

**Over view:** Users can comment on any post.

**Actors:** User.

**Pre-conditions:** User is logged in, user has friends or he himself posted on his timeline

**Main success scenario:**

1. User is browsing his timeline or his newsfeeds
2. He find different posts
3. After reading anypost , He got an impression about what he read so he can comment on posts , give his opinion and discuss with his friends what ever he wants

**Use case:** Posts

**Over view:** Users can write a post on his profile page

**Actors:** User.

**Pre-conditions:** User has an account and has logged in.

**Main success scenario:**

1. User wants to write something to share with his friends
2. User goes to his profile page or newsfeed
3. User selects the type of the post (politics, entertainment, sports, etc..).
4. User writes his post in the text editor and posts it

**Use case:** Sharing

**Over view:** Users can share any post.

**Actors:** User.

**Pre-conditions:** User is logged in, user has friends or he himself posted on his timeline

**Main success scenario:**

1. User is browsing his timeline or his newsfeeds
2. He finds different posts
3. After reading any post, he wants to share a post with his friends on his timeline.

**Use case:** creating groups

**Over view:** a user creates a group which can take number of people that may share the same things together.

**Actors:** Users.

**Pre-conditions:** User is logged in.

**Main success scenario:**

1. User chooses a group name.
2. User chooses the privacy settings for the group.
3. User adds another users to the group.
4. Group is created.

**Use case:** Add a friend

**Over view:** User adds a friend to his account.

**Actors:** Users.

**Pre-conditions:** User has an account, user is logged in.

**Main success scenario:**

- 1- User knows someone and wants to communicate with him.
- 2- User searches for an account.
- 3- User adds him to his friends list.



**Use case:** Add a member to a group

**Over view:** User adds an account to a group

**Actors:** User.

**Pre-conditions:** User has an account, user is logged in, User is in the group.

**Main success scenario:**

- 1- User knows someone and wants to add him to a created group.
- 2- User searches for an account.
- 3- User adds him to the group members.

**Use case:** Data analysis.

**Over view:** data analysis is performed by the system.

**Actors:** System, administrator.

**Pre-conditions:** none.

**Main success scenario:**

- 1- Data analysis is performed by the system.
- 2- Output information is used by the system and the admin.

**Use case:** Complete profile information.

**Over view:** User completes his profile information.

**Actors:** Users.

**Pre-conditions:** User has an account, user is logged in.

**Main success scenario:**

- 1- User opens accounts settings.
- 2- User updates his personal information.



