

ID: Register User

Scope: Happiness Tracker System

Level: User Goals

Primary Actor: Unregistered User

Stakeholders and Interests:

Unregistered User: Wants to register quickly with a guarantee that her data is protected.

Company: Wants to ensure that the database of registered users is appropriate and up to data to avoid customer negative feedback.

Pre conditions: The user has accessed the app.

Post conditions: The user is added to the database and may log in.

Main Success Scenario:

1. The user wants to register an account
2. The user enters a username and password
3. The user retypes the password
4. The user pushes submit
5. The system checks that the username is not already in use
6. The system checks that the two passwords are identical
7. The user uploads a photo
8. The user enters a mood survey
9. The system registers the new user

Extensions:

5a. Username is already in use.

1. User is prompted to select another user name and password

5b. The two passwords are different.

- 1 User is requested to retype (twice) his/her password

7a. User skips this step.

ID: Add Friend

Scope: Happiness Tracker System

Level: User Goals

Primary Actor: User A

Stakeholders and Interests:

User A: Wants to create a network of friends.

Company: Wants to make sure that the data of private users is protected.

Pre conditions: User A has a public account and is logged in.

Post conditions: The user adds a friend to his or her network.

1. The user wants to add a friend to his or her network
2. The user searches for userB by username
3. The user sends a friend request to userB
4. The system sends a request to userB
5. User B accepts the friend request from User A.
6. User B becomes a part of User A's network.
7. System recommends User A friends based on his or her network of friends.

Extensions:

3a. User B does not exist or User B is on private

1. User A searches for different user.

5a. User B denies User A's friend request.

1. User B is not added to User A's network

Primary Actor: User

ID: Generate Weekly Report

Scope: Happiness Tracker System

Level: User Goals

Stakeholders and Interests:

User: Wants to find out how his or her daily activities impact his or her mood.

Company: Wants the analysis and predictions to be accurate.

Pre conditions: The user has a registered account

Post conditions: The user receives an analyzed report that reveals the activities that make him or her the happiest with suggestions.

Main Success Scenario:

1. The user enters information regarding his or her mood, activities, and relationships.
2. The system stores information.
3. The system generates a weekly report regarding mood patterns.
4. The user chooses to make the report public.
6. The system checks the mood scores of friends to offer suggestions.
7. User rates the system suggestions.

Extensions:

3a. The user has not logged in the app within a seven day period

1. The user will not receive a weekly report

3b. Some logged activities are not associated with a mood

1. System ignores data

4a. User makes report private.

6a. User does not have any friends

1. System offers user positive affirmations

