**Software Engineering Project – Havruta App**

**USE CASE TEMPLATE**

**Name:**

Generic feed

**Brief Description:**

The feed display content organized as posts that their content has been pulled from the website. Users can like and comment them.  
The home screen of the app shows a list of previews to the categories’ feeds. Each feed shows recent posts related to its category such as Gay, Jewish Magazine etc.

**Actor:**

User, Website's Database

**Preconditions:**

**Basic Flow:**

1. Open the app, home page is shown.
2. user navigates through the categories’ feeds.
3. Clicking “full feed” leads to the designated feed of the specific category.
4. Related posts are displayed.

**Alternate Flow:**

User can like and comment posts.

**Exception Flow:**

* If a guest user is trying to like or comment, a login popup will appear.
* If the internet connection is lost while performing an action, an error message will show.

**Post Conditions:**

User consumed the recent content offered.

**Name:**

Generic chat

**Brief Description:**

The chat is separated to 3 different kinds of chats.

Direct Messages: two registered users can send messages to each other in a private conversation.

Admin’s Chat: admins write recent news updates and users can only watch.

Groups: all registered users can read and write messages in a public conversation.

**Actor:**

Admin , User, App's Database

**Preconditions:**

In order to write messages, user must be logged in.

**Basic Flow:**

1. Choose from menu/bar the desired chat and click its button.
2. Chat page is shown.
3. User reads recently sent messages on that chat (if exist).

**Alternate Flow:**

If DM or groups chat are selected:

1. User write a message.

2. Users connected to that chat reads the messages.

In case a user hasn’t logged in and tried to write a message:

1. Login popup appears.
2. User registers/login.
3. Chat re-renders.

**Exception Flow:**

* If a guest user is trying to write a message in groups chat, a login popup will appear.
* If the internet connection is lost while sending a message, an error message will show.

**Post Conditions:**

Registered users communicate with each other publicly and privately and catch up with recent news.

**Name:**

Registration and Login

**Brief Description:**

In order to be able to use the app with all its functionalities, you must be registered and logged in. A user is identified by an email address and a password. There is also an option to login with a google account (Facebook – optional).

**Actor:**

Admin, User, App's Database

**Preconditions:**

A user must have an email account and choose a valid password.

**Basic Flow:**

1. User insert his email address.
2. User choose a unique nickname.
3. User choose a valid password.
4. User confirm password.
5. User insert the code that has been sent to him automatically in a confirmation email.
6. User accept terms & conditions and submit.

**Alternate Flow:**

If the user already has an account:

1. User insert his password and login directly.

In case a user has a gmail account he may one-click login with his google account:

1. User click the google login button.
2. User passed to google wizard and logs in.
3. User directed back to the app.

**Exception Flow:**

* If a user inserts an invalid or incorrect password, an error message will show.
* If a user inserts an invalid email address, an error message will show.
* If a user inserts incorrect code of confirmation email, an error message will show.
* If a user inserts a taken nickname, an error message will show.
* If a user came back from google login unauthenticated, an error message is shown and is directed to the login page.

**Post Conditions:**

User is registered and logged in. The user has granted his ability to write messages in the chats, like and comment posts, attend event and more.