MySpace\textsuperscript{2} User Guide

MySpace\textsuperscript{2} is an application similar to Friendster or MySpace, where the items are users and relationships can be created between users. Some specifics about this system:

- A first time user can create an account with only a name and password.
- Users are able to enter information about themselves, such as name, age, gender, likes, dislikes, etc. Users can edit these entries at each moment.
- Users can upload a picture of themselves.
- Users can browse other users in the system. When browsing users, a list of their friends is shown.
- User can search other users that match various specifications.
- Users are allowed to invite another user to be a friend.
- If a friend invitation is accepted, a relationship is created between the two.
- When browsing users, indirect relationships are displayed between the user being browsed and the person browsing them.
- Users are able to delete their accounts.

1. Login

The starting page of the application is the login page. Registered users can directly login using the interface otherwise they can create a new account following the respective link.

![Login page](image1.png)

**Figure 1:** Login page.

2. New account

In order to create a new account the user must follow the link “Create new account” in the login page and fill in the form. The fields “Username” and “Password are required”. The new account page handle the following situations:

1) If the user leaves any of the mandatory fields empty, the system will prompt he/she to enter the missing info, and will not create the account.
2) If the two passwords are not identical, the system indicate so, and let the user reenter the passwords.
3) If the username has already been taken, the user is prompted to choose a new username.

The user is also allowed to upload a picture of himself/herself which the other users will use to identify him/her in the search engine. Figure 2 shows the layout of the new account page.
3. **Home page**

After a successful login, the user is redirected to the personal home page which contains three areas:

- User picture.
- User profile.
- List of friends.

The typical layout of the home page is shown in figure 3. The user options are:

1. Browse the list of friends;
2. Search for new friends;
3. Edit the personal profile;
4. Logout.

Under the edit account page the user can also delete his/her account.
4. Search engine

The search page allows the user to see the list of registered users and to invite another user to be a friend through the send invitation button. After an invitation has been sent, the user is notified if the operation has been completed successfully and redirected to the home page or the search page. If the user try to send an invitation to another user that is yet in the list of friends of the sender, the user is notified and redirected to the search page. The search page also has capability to find users that match various specifications (name, location, sex status, etc…). Figure 5 shows a snapshot of the search engine.

5. Accept / Refuse invitation

If the user has an invitation pending from another user, this is shown in the home page after the login. The user is prompted with two option of either accept or reject the invitation. If the user accept a relation is created and the two user will see each other in their respective list of friends. Figure 4 shows a snapshot of the accept / refuse scenario.
6. Indirect relationship

When browsing users, indirect relationships are displayed between the user being browsed and the person browsing them. Figure 5 shows a snapshot for the user “gnarzisi” browsing user “v克莱amenti”. All the different indirect relationships paths are displayed.