# CS 1XA3 Project03 - <MyMacId>  
**## Usage**  
Install python3.7.6 enivornment with ...  
...  
Run locally with python manage.py runserver localhost:8000  
Run on mac1xa3.ca with python manage.py runserver localhost:100192  
...  
Log in with TestUser, password SomePassword  
...  
**## Objective 01**  
**Description:**  
- This feature is displayed in something.djhtml which is rendered by  
function def signup\_view in Project03/login/views.py

- It makes a POST Request to from something.js to /e/macid/something\_post  
which is handled by someting\_post\_view  
**Exceptions:**  
- If the /e/macid/something\_post is called without arguments is redirects  
to login.djhtml

-If user input account registered already, signup page will be display continue.

**## Objective 02**  
**Description:**  
- This feature is displayed in social\_base.djhtml renders the left\_column used by messages.djhtml,people.djhtml and account.djhtml

- To display this feature, some code was inserted in def: messages\_view , people\_view and acount\_view  
**Exceptions:**  
- If userprofile doesn’t be inputed , “unspecified” is be displaying in the position of data.

**## Objective 03**  
**Description:**  
- This feature is displayed in Project03/social/templates/account.djhtml

Created forms for changing the user and password, and updating userinfo

Forms.py in project03/social

- when completed inputing, data is inserted into database by account\_view

It makes a POST Request to from Form action to url ‘login:signup\_view’

which is handled by function ‘account\_view’

**Exceptions:**  
- password and user profile form was integrated in one form.

**## Objective 04**  
**Description:**  
- This feature is displayed in Project03/social/templates/people.djhtml

People data was sent by people\_view in views.py

- when click ‘more’ button, number of displaying person is increasing one by one.

**Exceptions:**  
- after click more button, number of displaying person doesn’t decrease.

For this user have to logout.

**## Objective 05**  
**Description:**  
- The right column of people.djhtml was displayed friend requests to the current user (currently only displays a single static fake friend request)

- To render actual friend requests, function people\_view and template people.djhtml was changed.

**## Objective 06**  
**Description:**  
- This feature is displayed in people.djhtml.

When click accept or decline button, post request was sent by people.js’s acceptDeclineRequest to python function accept\_decline\_view.

By Prefix “A-“ and “D-“, defined accept and decline request.

**Exceptions:**  
- By loading time, There is case that request has don’t sent with correct id.

**## Objective 07**  
**Description:**  
- This feature is displayed in message.djhtml render by

– the function def messages\_view in Project03/social/views.py

– the template Project03/social/templates/messages.djhtml

– the javascript code Project03/social/static/messages.js.

**## Objective 08**  
**Description:**  
- This feature was by serviced by post\_submit\_view

When the current user click the post button, at first check the input value in message.js  
If the value of input is null, the alert appear.  
If yea, the ajax for posts will go on the view.py and then insert value in the post table

After saving, send the result(success) to the message.js and then will reload.

-Changed post\_submit\_view to handle the post submission, by adding a new entry to the Post model

**Exceptions:**

If the value is null , show alert.

**## Objective 09**  
**Description:**  
- changed messages.djhtml to display real posts given by messages\_view when rendering the template

At first, show the one post after getting posts order by post id

-more button is displaying number of posts could display.

When the more button click, send the ajax to the more\_post\_view in the view.py  
In that, increments the value of session : displayed post count

\*(at first getting messase.view, check the session value above, if the session is not will send the one post and if the session exists, send the counts of display posts to the message.djhtml)

Finally, I used the session value for this problem based on the requirements

For this , python function more\_post\_view was changed and session variable was created in def.

**Exceptions:**  
- if there is no post data, more button was inactived

**## Objective 10**  
**Description:**  
- For Liking post, used the ajax in message.js to connect to the like\_view in view.py  
 At first, when the rendering template, in the view.py, message\_view check the current user’s likes.

If the current user likes, add the Boolean value ture, If not, add the Boolean false.

In the template, checked the Boolean, and then disable or active like button.

-Like event: used the ajax, go to the like\_view in the view.py, add the likes fields of posts.

**Exceptions:**  
- if the current user already likes this post, the liked button disable.

-warning: when the ajax success return, we reload the current page according to the requirements in doc.

**## Objective 11**  
**Description:**  
-as follow test accounts was created

Username password

TestUser test1234

testuser01 test1234

testuser02 test1234

testuser03 test1234

testuser04 test1234

testuser05 test1234

testuser06 test1234

testuser07 test1234