

# Criterion B: Design

Elements required in the menu bar:

Moments	Post a new message	Profile	Log out
---------	--------------------	---------	---------

Different uses for the elements in menu bar:

- Moments: view all messages, which containing the picture, who posted the message, the title of the posting, the type of cat in the picture and the description of the post
- Post a new message: to post a message, in which case user should be logged in
- Profile: to edit the user's contact information
- Log out: to log out and change an account

Overall functions needed to be achieved

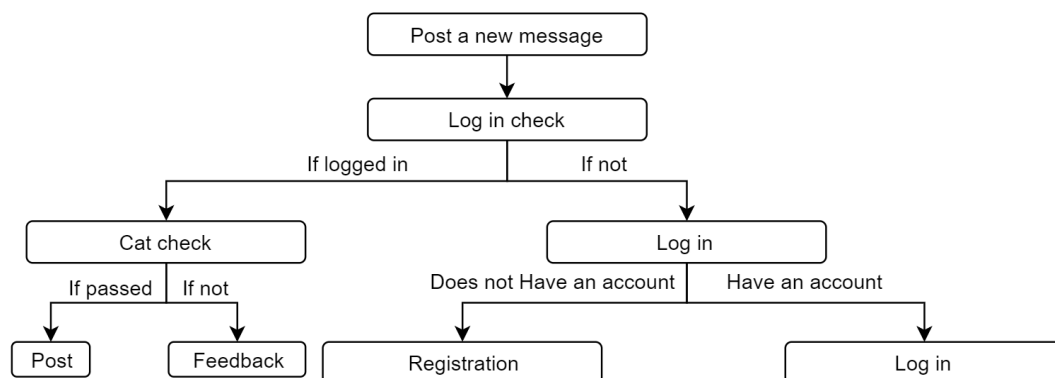


Figure 1 : Function : Post a new message

## User interfaces and the elements in them

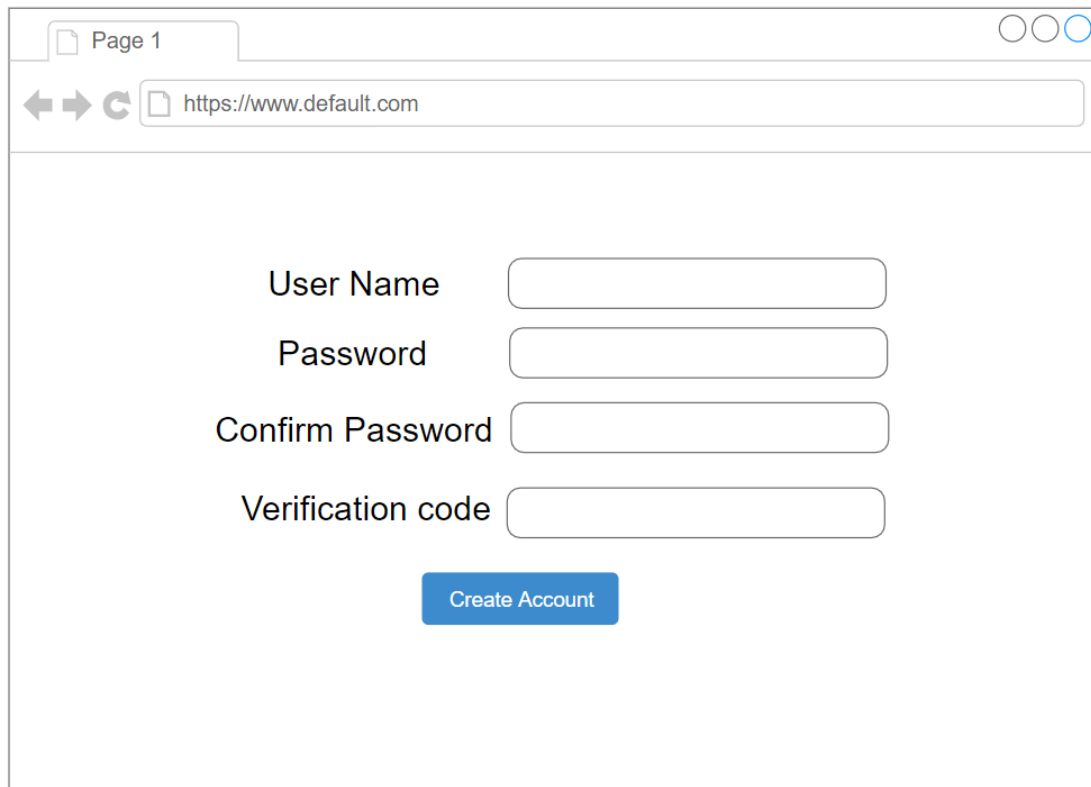
Page 1

https://www.default.com

User Name

Password

Figure 2 : Interface for logging in



A web browser window titled "Page 1" with the address bar showing "https://www.default.com". The main content area contains a registration form with four input fields: "User Name", "Password", "Confirm Password", and "Verification code". Below these fields is a blue button labeled "Create Account".

Page 1

https://www.default.com

User Name

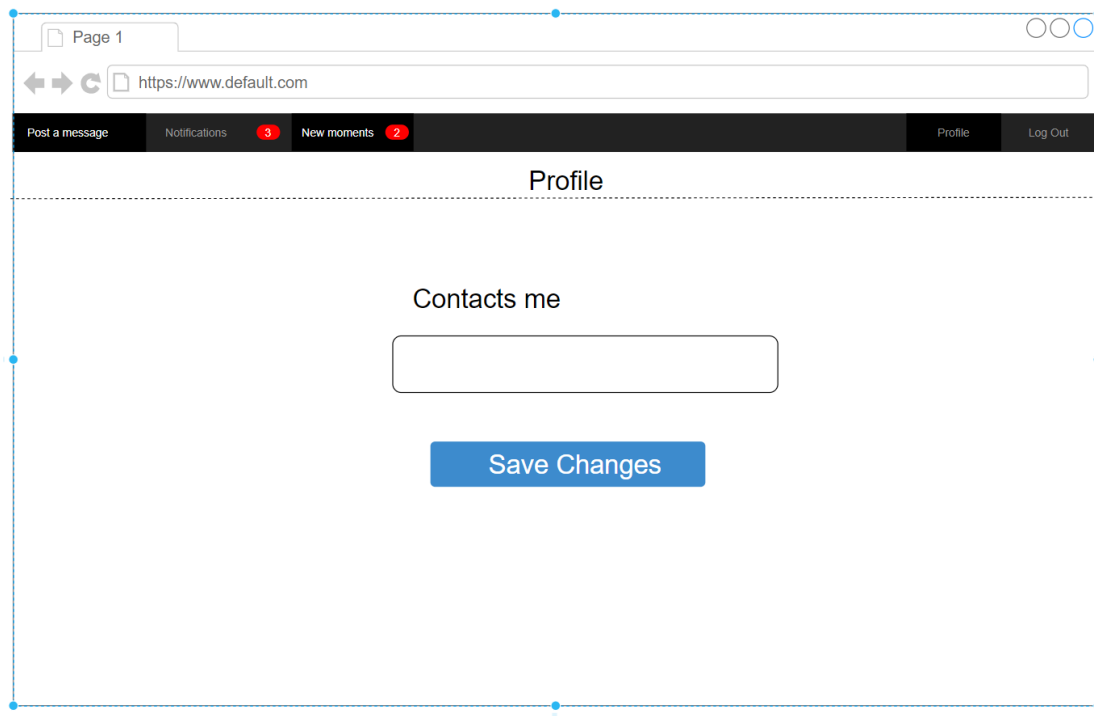
Password

Confirm Password

Verification code

Create Account

Figure 3 : Interface for registration



A web browser window titled "Page 1" with the address bar showing "https://www.default.com". The page has a dark navigation bar with links: "Post a message", "Notifications" (with a red badge showing "3"), "New moments" (with a red badge showing "2"), "Profile", and "Log Out". Below the navigation bar, the page is titled "Profile". Under the "Profile" title, there is a section labeled "Contacts me" with a text input field. Below the input field is a blue button labeled "Save Changes".

Page 1

https://www.default.com

Post a message Notifications 3 New moments 2 Profile Log Out

Profile

Contacts me

Save Changes

Figure 4 : Interface for profile

The image shows a web browser window with a single tab labeled 'Page 1'. The address bar contains 'https://www.default.com'. The navigation bar is dark with the following items: 'Post a message' (active), 'Notifications' with a red badge '3', 'New moments' with a red badge '2', 'Profile', and 'Log Out'. The main content area has a light gray background and contains the following form elements: a 'Title' label above a text input field with placeholder text 'Title'; a 'Description' label above a text input field with placeholder text 'A short description'; a 'Picture' label above a large rectangular area with the text 'Drop your picture here or choose from your files'; and a blue 'POST' button at the bottom.

Figure 5 : Interface for post a message

The image shows a web browser window with a single tab labeled 'Page 1'. The address bar contains 'https://www.default.com'. The navigation bar is dark with the following items: 'Post a message', 'Notifications' with a red badge '3', 'New moments' (active) with a red badge '2', 'Profile', and 'Log Out'. The main content area has a light gray background and contains the following form elements: a 'Nickname' label above a text input field with placeholder text 'Title'; a 'Description' label above a text input field with placeholder text 'Description'; a 'Contact information of the one who posts this' label above a text input field with placeholder text 'Contact information of the one who posts this'; a 'Breed of the cat' label above a text input field with placeholder text 'Breed of the cat'; and a large rectangular area labeled 'Pic' for a picture.

Figure 6 : Interface for new moments

Functions for each element

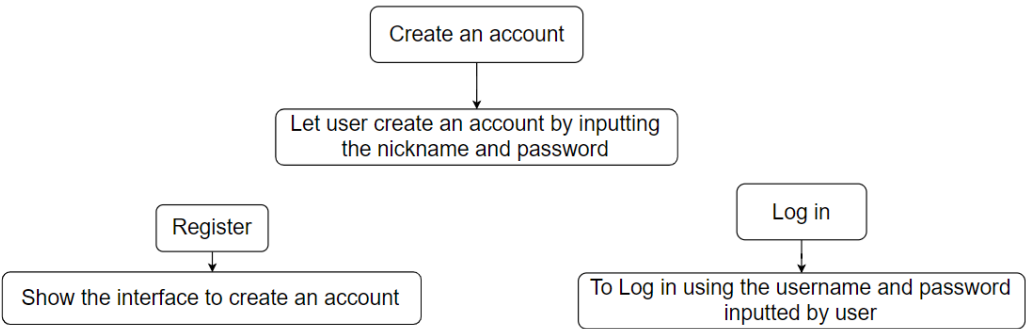


Figure 7: Account relevant elements function

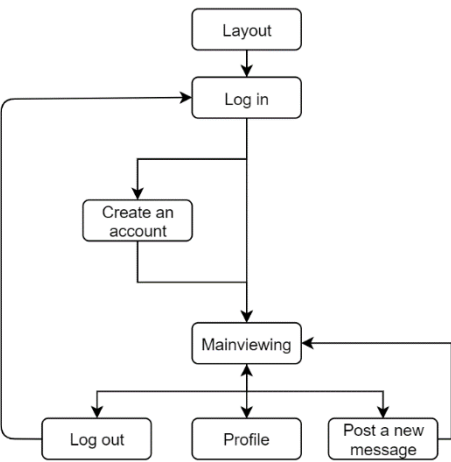


Figure 8: Relationship between user interfaces

DATABASE : Catdb

Table1: Userinfo

Username	password	contact
The nick name of the user	The corresponding password	Contact information

Table2: Posts

Sender	Title	Description	Image	Type
--------	-------	-------------	-------	------

The nickname of the user who sends it	The title of the post created by the user	The description of the posts by the user	The location that stores the figure	The breed of the cat
---------------------------------------	---	--	-------------------------------------	----------------------

### Test plan

Methods	Result should be yield
Register same username	Cannot use same username notification
No password/contact info when registering	Password/contact can't be empty notification
Password confirmation is different with the first one	Passwords are not the same notification
Wrong verification code	Can't register
The username is not existing/can't match with the password	Wrong username/ password notification
When posting, there is no picture/title	Picture/title can't be empty notification
When posting, user not logged in	Log in notification and jump to log in page
When posting, file uploaded is not a figure	Only post figures notification

When posting, the picture does not contain a cat in it	Notification that there must be a cat in the picture uploaded.
After posting, see the mainviewing page	The posts should be shown on the page, with sender/title and description
After logging out, to post a message	Log in notification and jump to log in page