



COMP132 : Advanced Programming Programming Project Report

<Photo Cloud App>

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USER LIST:

Application usage information

First a new user has to sign in. To do so he has to press the sign in button and input his/her information. After that the user will be moved to a Discover Page where he can see other users posts. He/She can like them, comment, like and go to the users' profiles by pressing on their names or profile pictures. If the user wants he/she can post the photos by pressing the post button. if the user wants just to edit the photo they can press the download button to save the photo. Also the user can go to his/her own profile and delete posted pictures or change their personal information. By pressing the "other users" button the users will be moved to a search panel, where they can search for other users by their nicknames and after viewing their accounts.

To edit the photos the user just has to press the button in the centre of the screen and upload any photo that he wants. After that the user just presses the filter that he wants to use and slides the slider to adjust it. Users can use multiple filters at a time. All that's left after that is just to press the "post" button on the left.

Administrators can only be assigned through direct file alteration. If you're an admin you have all the perks of the professional account plus the ability to delete other people's posts by pressing the trash button under each post.

Project Design Description:

Almost all the classes implement an interface Action Listener.

```
public class PhotoEditor implements ActionListener {  
    private JFrame frame = new JFrame();  
    private ArrayList<String> userInfo = new ArrayList<>();  
    private JButton blurButton, sharpenButton, graysca
```

Just like this.

This allows it to respond to the “action” of the buttons. Talking about GUI components all of them start with J. in my code i used JButton to press it and get a response, JScrollBar for the discover page, JTextField which allows to write in the field and after that store it somewhere this is useful for settings in my case. Additionally I used JLabel to give it text values or image values.

References

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