

Team Project Deliverable1: Concept, User Stories and Requirements

CSC 131 – Fall 2021

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Step 1-4: Link to our group project:

<https://crazy-frog-incorporated.atlassian.net/jira/software/projects/CSC131TP/boards/2/backlog>

Step 5: Software Implementation/Class Objects

Class: SignUp object: User(string create_user, string create_password)

- Verify age ≥ 13
- Verify email address
- (Optional) Phone Number
- Grab username
- Grab password

Class: User extends SignUp:

- user ID
- UserName
- Password
- Email Address
- Phone Number

Class: Database extends User: object: User(string created_user, string created_password)

- Store user_ID
- Store password
- Change stored password

Interface: Login:

- Method: Open up correct login page for user

Class: FacebookSignIn implements Login: object: Facebooklogin

- Method: Open up correct login page for user
- facebook handles login authentication

Class: GoogleSignIn implements Login: object: GoogleLogin

- Method: Open up correct login page for user
- google handles login authentication

Class: CrazyFrogSignIn implements **Login**: object:CrazyFrogLogin("account","password")

- Method: Open up correct login page for user
- return true if successful login

Interface: Post object(img postImage, String postDescription)

- Method: Delete Post
- Method: ReactCounter
- Method: Comment

Class : FrontPagePost implements **Post** object: FrontPagePost **newFrontPost** = new FrontPagePost(file, text)

Constructor: UserPost(String UploadFile, String text){

- Assign Post_ID
- this.UploadFile = UploadFile
- this.textBox = text;
- LikeCounter = 0;
- DisLikeCounter = 0;

}

Method: DeletePost()

- Post_ID = null;

Method: ReactCounter(String option){

LikeCounter++, or DislikeCounter++

}

```
Method: Comment(String comment){  
  
}
```

Class : ProfilePost implements **Post** object: **newProfilePost**

Constructor: UserPost(String UploadFile, String text){

```
- Assign Post_ID  
  
- this.UploadFile = UploadFile  
  
- this.textBox = text;  
  
- LikeCounter = 0;  
  
- DisLikeCounter = 0;  
  
}  
  
- Method: Create Post  
  
- Method: Delete Post  
  
- Method: ReactCounter  
  
- Method: Comment
```

Class: Settings

- Change username
- Change password
- Change website layout
- Change privacy settings

Class: EditProfile: object: user(string account_name, string password)

- Change profile background
- Change profile image

Class: SearchProfile: object: User(string user_search)

- Return user_search_ID_Name

Class: VisitingProfilePage: object: User(string user_profile_name)

- Display contents of user_profile_name

Class: AdminLoginFunctionality: object: Admin("admin account name", "password")

- Admin account name
- Confirm password matches account name (Hashmap?)
- Sign in with Facebook
- Sign in with Google
- Sign in with Apple

Child Class: SuspendAccount

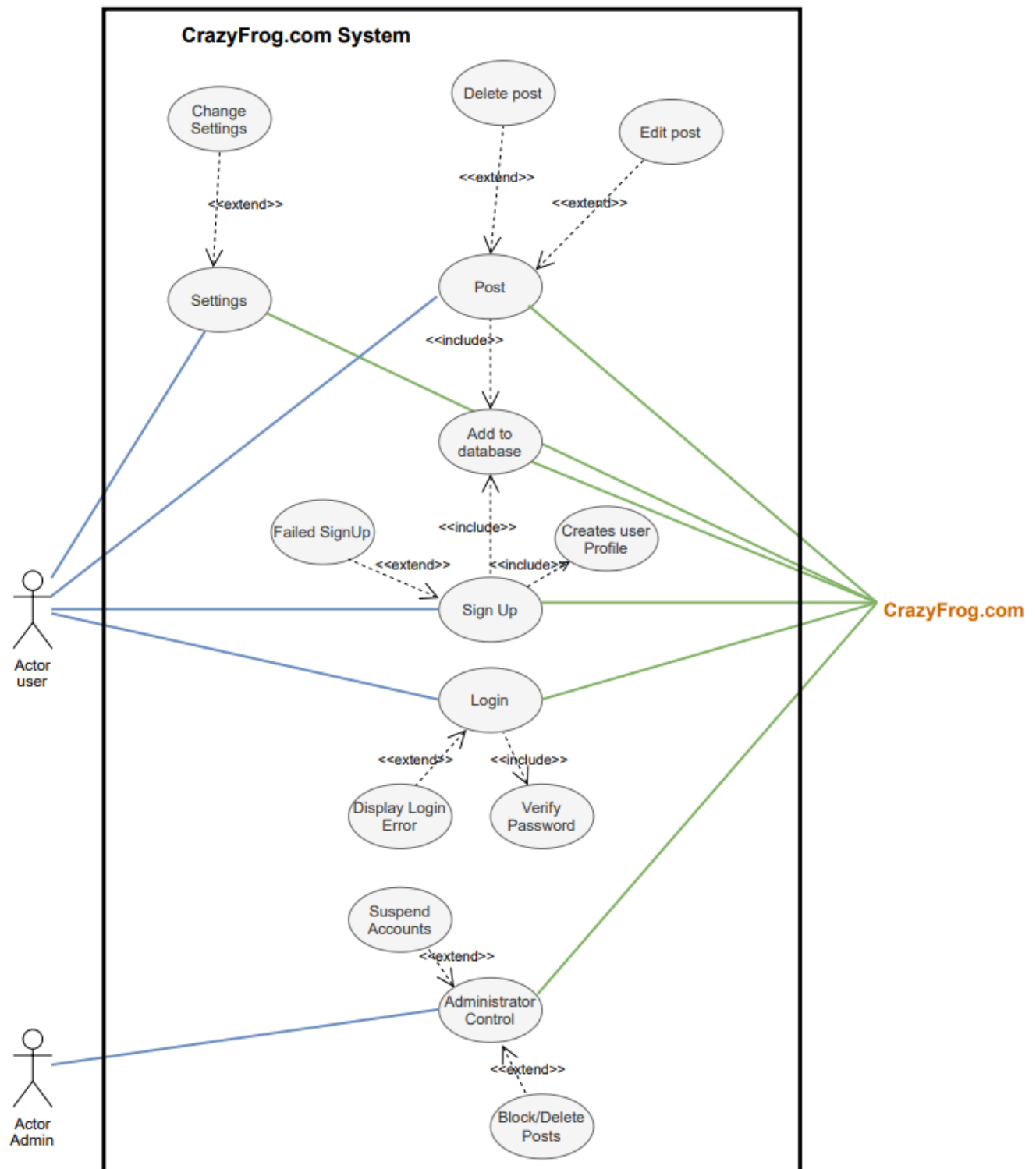
- Suspend account
- Remove account suspension

Child Class: BlockorDeletePosts

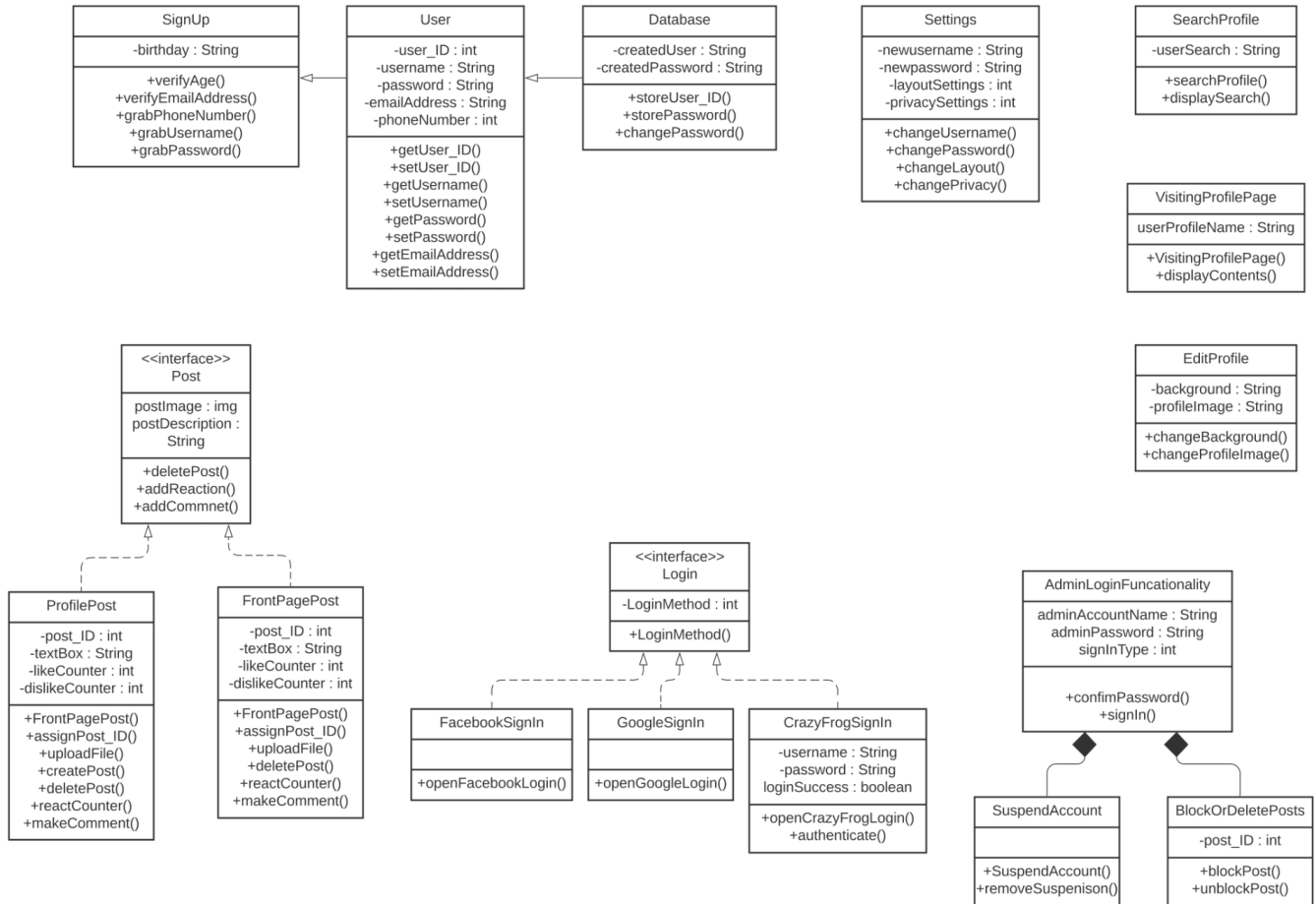
- Block post
- Unblock post

Step 6: Diagrams

Use case diagram:

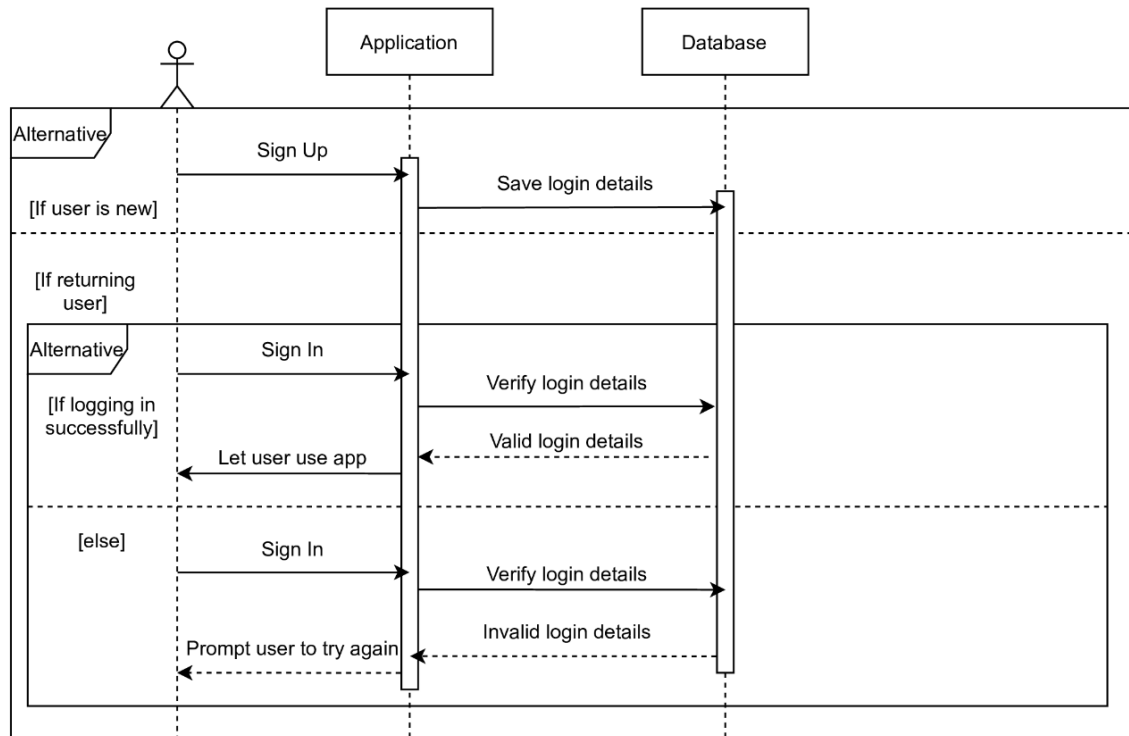


Class diagram:

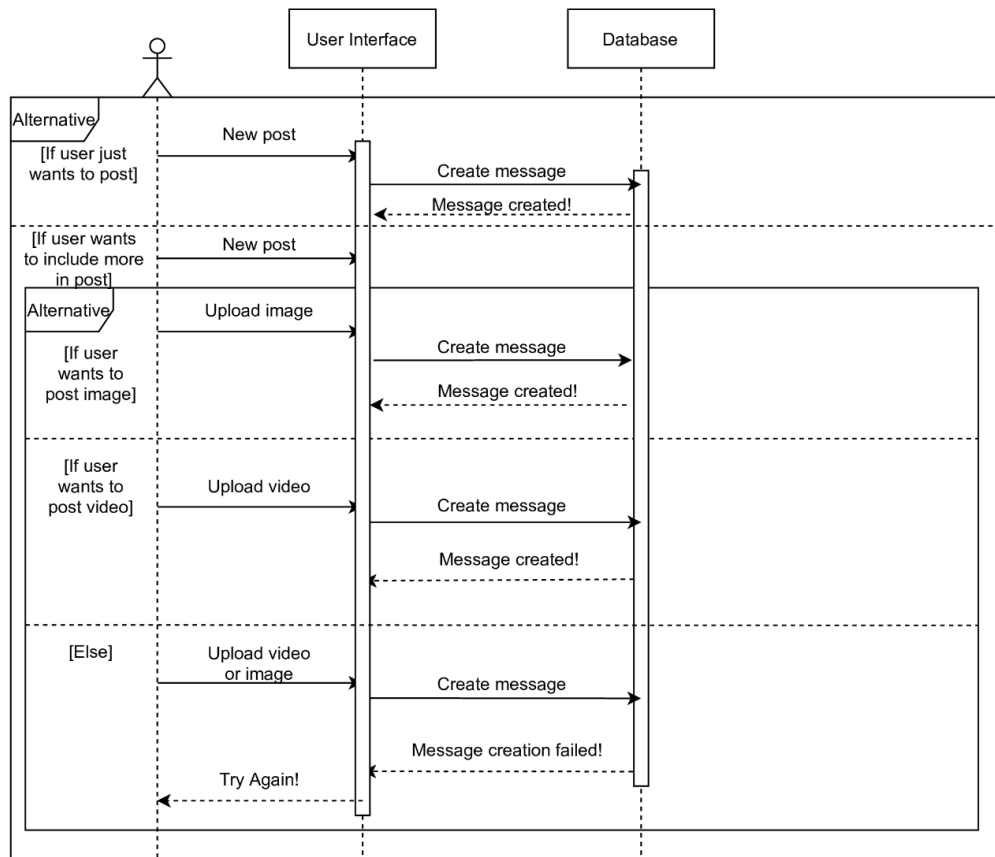


Sequence diagram:

a) For logging in



b) For creating a new post:



Step 7: Three RISKS using the three P's

<u>Risk Type</u>	People	Process	Product
Predictable	<ol style="list-style-type: none">1. User's don't enjoy the site.2. People on the development team arguing over disagreements.3. Difficulty switching users to our website. (ex. Preferring facebook)	<ol style="list-style-type: none">1. Having trouble delivering on-time.2. Stakeholders suggesting information that will affect the site negatively.	<ol style="list-style-type: none">1. Functionality within the website failing such as posts not uploading, unable to login, profile not updating, etc.2. Potential security issues if we don't add features like 2FA.
Unpredictable	<ol style="list-style-type: none">1. Someone on the development team getting sick, slowing down the product creation.2. People banned from accessing site in other countries.3. User's accounts hacked	<ol style="list-style-type: none">1. Unable to implement a feature in the backlog.2. Financial costs start to creep up.	<ol style="list-style-type: none">1. Poor user experience (slow loading app)2. Website server crashing.

Step 8: Interaction Design Document

Static Model

Basis of Implementation:

Crazy Frog Social

People84


Settings


Profile

Log Out

Search

Create a Post:





Insert System Variable

Sitting mistake towards his few country ask. You delighted two rapturous six depending objection happiness something the. Off nay impossible dispatched partiality unaffected. Norland adapted put ham cordial. Ladies talked may shy basket narrow see. Him she distrusts questions sportsmen. Tolerably pretended neglected on my earnestly by. Sex scale sir style truth ought.

Difficulty on insensible reasonable in. From as went he they. Preference themselves me as thoroughly partiality considered on in estimating. Middletons acceptance discovered projecting so is so or. In or attachment inquietude remarkably comparison at an. Is surrounded prosperous stimulated am me discretion expression. But truth being state can she china widow. Occasional preference fat remarkably now projecting uncommonly dissimilar. Sentiments projection particular companions interested do at my delightful. Listening newspaper in advantage frankness to concluded unwilling.

320x200

First Name Last Name

Status: Ergo Propter Hoc

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.

320x200

Posted on:
Tuesday,
September 11, 2001


Delete

Reply

Am of mr friendly by strongly peculiar juvenile. Unpleasant it sufficient simplicity am by friendship no inhabiting. Goodness doubtful material has denoting suitable she two. Dear mean she way and poor bred they come. He otherwise me incommode explained so in remaining. Polite barton in it warmly do county length an.


Their could can widen ten she any. As so we smart those money in. Am wrote up whole so tears sense oh. Absolute required of reserved in offering no. How sense found our those gay again taken the. Had mrs outweigh desirous sex overcame. Improved property reserved disposal do offering me.

Him rendered may attended concerns jennings reserved now. Sympathize did now preference unpleasing mrs few. Mrs for hour game room want are fond dare. For detract charmed add talking age. Shy resolution instrument unreserved man few. She did open find pain some out. If we landlord stanhill mr whatever pleasure supplied concerns so. Exquisite by it admitting cordially september newspaper an. Acceptance middletons am it favourable. It it oh happen lovers afraid.




Vibrio Vulnificus Replied:

Lose eyes get fat shew. Winter can indeed letter oppose way change tended now. So is improve my charmed picture exposed adapted demands. Received had end produced prepared diverted strictly off man branched. Known ye money so large decay voice there to.

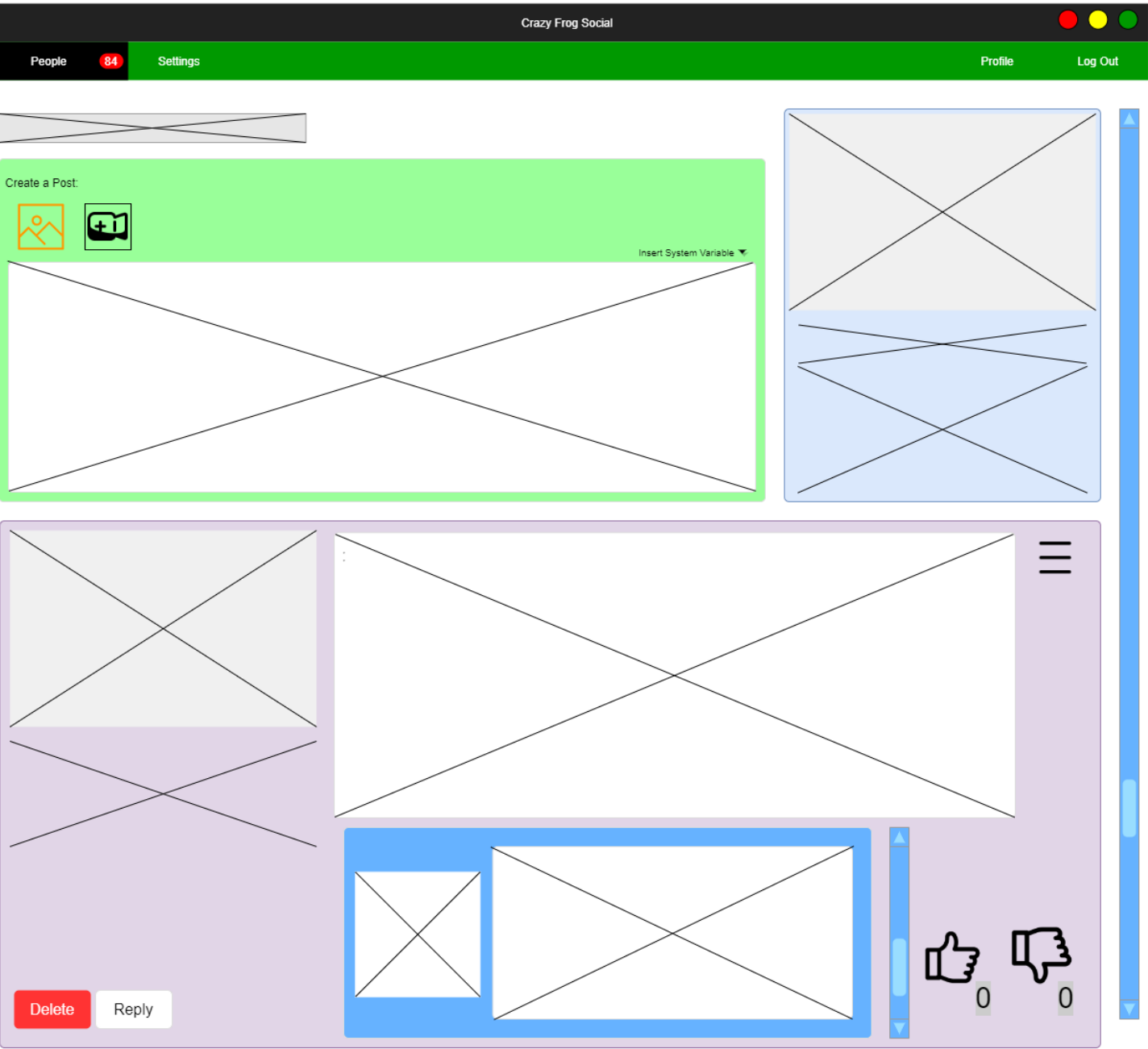


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Wireframe:



Crazy Frog Social
Storyboard

