

*Software Engineering*  
*Software Requirements Specification*  
*(SRS) Document*

**IndieDev**  
[JM-2001/Indie-Dev \(github.com\)](https://JM-2001/Indie-Dev)

**09/20/2023**

**1.0**

**By: Jonathan Moreno, Maddison Tidball, Callie Hampton**

**My words and actions will reflect Academic Integrity.  
I will not cheat or lie or steal in academic matters.  
I will promote integrity in the UNCG community.**

# Table of Contents

1.	Introduction (Maddy).....	3
1.1.	Purpose.....	3
1.2.	Document Conventions.....	3
1.3.	Definitions, Acronyms, and Abbreviations .....	3
1.4.	Intended Audience .....	3
1.5.	Project Scope .....	3
1.6.	Technology Challenges.....	4
1.7.	References.....	4
	General Description .....	4
1.8.	Product Perspective (Jonathan).....	4
1.9.	Product Features (Jonathan).....	4
1.10.	User Class and Characteristics (Callie).....	4
1.11.	Operating Environment (Jonathan).....	4
1.12.	Constraints (Callie) .....	4
1.13.	Assumptions and Dependencies (Callie) .....	4
2.	Functional Requirements (Maddy) .....	5
2.1.	Primary.....	5
2.2.	Secondary.....	5
3.	Technical Requirements (Jonathan).....	5
3.1	Operating System and Compatibility.....	5
3.2	Interface Requirements .....	5
3.2.1	User Interfaces .....	5
1.1.1.	Hardware Interfaces .....	5
1.1.2.	Communications Interfaces .....	5
1.1.3.	Software Interfaces .....	5
4.	Non-Functional Requirements (Callie).....	5
1.2.	Performance Requirements.....	5
1.3.	Safety Requirements .....	6
1.4.	Security Requirements .....	6
1.5.	Software Quality Attributes .....	6
1.5.1.	Availability .....	6
1.5.2.	Correctness.....	6
1.5.3.	Maintainability .....	6
1.5.4.	Reusability .....	6
1.5.5.	Portability.....	6

1.6. Process Requirements .....	6
1.6.1. Development Process Used.....	6
1.6.2. Time Constraints .....	6
1.6.3. Cost and Delivery Date .....	6
1.7. Other Requirements .....	7
1.8. Use-Case Model Diagram.....	7
1.9. Use-Case Model Descriptions.....	7
1.9.1. Actor: User (Maddison) .....	7
1.9.2. Actor: Moderator (Jonathan).....	7
1.9.3. Actor: Administrator (Callie).....	7
1.10. Use-Case Model Scenarios .....	8
1.10.1. Actor: User (Maddison) .....	8
1.10.2. Actor: Moderator (Jonathan).....	8
1.10.3. Actor: Administrator (Callie).....	8
2. Design Documents .....	9
2.1. Software Architecture (Maddy) .....	9
2.2. High-Level Database Schema (Maddy) .....	11
2.3. Software Design (Jonathan) .....	12
2.3.1. State Machine Diagram: User (Maddison) .....	12
2.3.2. State Machine Diagram: Mod (Jonathan) .....	14
2.3.3. State Machine Diagram: Admin (Callie) .....	16
2.4. UML Class Diagram (Callie).....	18
3. Scenario.....	18
3.1. Brief Written Scenario with Screenshots .....	18

# 1. Introduction (Maddy)

## 1.1. Purpose

The goal of the IndieDev application is to allow Game Developers, Game Designers, Artists, Musicians, and Creatists (Creators) to collaborate on game projects or to share their expertise/experience. Furthermore, users can create their own profiles to share their portfolio that is public on the site. In doing so, these users have an application where they can find talent or information without having to go on various different sites.

## 1.2. Document Conventions

The purpose of this Software Requirements Document (SRD) is to describe the client-view and developer-view requirements for IndieDev. Client-oriented requirements describe the system from the client's perspective. These requirements include a description of the different types of users served by the system. Developer-oriented requirements describe the system from a software developer's perspective. These requirements include a detailed description of functional, data, performance, and other important requirements.

## 1.3. Definitions, Acronyms, and Abbreviations

Java	A programming language originally developed by James Gosling at Sun Microsystems. We will be using this language to build IndieDev
MySQL	Open-source relational database management system.
.HTML	Hypertext Markup Language. This is the code that will be used to structure and design the web application and its content.
SpringBoot	An open-source Java-based framework used to create a micro Service. This will be used to create and run our application.
MVC	Model-View-Controller. This is the architectural pattern that will be used to implement our system.
Spring Web	Will be used to build our web application by using Spring MVC. This is one of the dependencies of our system.
Thymeleaf	A modern server-side Java template engine for our web environment. This is one of the dependencies of our system.
IntelliJ	An integrated development environment (IDE) for Java. This is where our system will be created.
API	Application Programming Interface. This will be used to implement a function within the software. We used the Google Translate API.

## 1.4. Intended Audience

The intended audience for this application will be Game Developers, Game Designers, Artists, Musicians, and Creatists (Creators).

## 1.5. Project Scope

The goal of IndieDev is to provide a simple to use website to meet other indie creators but also provide simple yet complex profile and portfolio customization tools. IndieDev will be used to overcome the lack of connections between individual game developers and other creators.

The benefits of the project to business include:

- Reducing the stress of game development by connecting creators who want to contribute to a project but may not be proficient in other fields to creators in those other fields.
- Increasing the popularity of individual developers by including user interactions like those in social media
- Obtaining experience by interacting and meeting other creators in the wide spanning umbrella of game development

## **1.6. Technology Challenges**

Callie had issues pushing changes to Github due to using a Macbook for the majority of the project's development. Maddy's computer died halfway through the project.

## **1.7. References**

# **General Description**

## **1.8. Product Perspective (Jonathan)**

IndieDev was created to connect game developers to other creators under the game development umbrella. Many game developers might not be proficient in other aspects of game development, such as 3D modeling or composing scores or sound effects. IndieDev will provide a space to overcome these challenges by connecting creators.

## **1.9. Product Features (Jonathan)**

The application features include the ability to create posts, like, and reply to posts. This allows users to interact with each other on posts. Another feature is users can create profiles with the portfolio feature. This allows users to display their portfolio on their profile for users to view. In addition, users can report and/or block other users. Users can chat with other users or create group chats to collaborate on projects. For administrators, they can review reports and determine the punishment such as lock or remove users. In addition, administrators can add/update the terms of service for the site (with agreement from other admins). As for moderators, they can pause accounts if a violation of the TOS was found. They can lock profiles as well. For both admins and mods, they can remove or lock posts.

## **1.10. User Class and Characteristics (Callie)**

IndieDev will prompt users to select their areas of expertise when they first create their profile. This allows other users to be searched by classification and connections between game developers and creators will be fastly made.

## **1.11. Operating Environment (Jonathan)**

The web application is designed to operate on the web across different operating systems.

## **1.12. Constraints (Callie)**

Due to the security of the system, users will only be allowed to upload text, picture, and video files.

## **1.13. Assumptions and Dependencies (Callie)**

Our software will be dependent on Spring Web and Thymeleaf in order to create and run the web application that will be developed in IntelliJ.

We will be using the Google Translate API to translate the user functionalities on the front end, while also translating people posts to their native language.

## 2. Functional Requirements (Maddy)

### 2.1. Primary

- FR0: The system will allow the user to upload text, image and video files and post them to the site.
- FR1: The system will allow the user to send messages to other users
- FR2: The system will allow the user to report other users

### 2.2. Secondary

- Administrators will be allowed to ban users from the site
- Moderators will be allowed to put pauses on accounts

## 3. Technical Requirements (Jonathan)

### 3.1 Operating System and Compatibility

The application will be compatible with any operating system that is able to view and interact with traditional web pages.

### 3.2 Interface Requirements

#### 3.2.1 User Interfaces

IndieDev will allow users to view, like, and comment on other users posts on the home page. The database will store information for each post made by a user and communicate changes to the front end. Users will be allowed to access their own and others portfolios and profiles through their respective buttons. Users can also access their chats via the “Chats” button. On the Portfolio screen, users can view past projects and posts.

#### 1.1.1. Hardware Interfaces

The web application will run on any computer operating system that has access to the internet, the ability to upload files, and can interact with the web page. This includes desktop computers and laptops.

#### 1.1.2. Communications Interfaces

The software must be able to communicate over the internet as well as to the local database on phpMyAdmin and the Google Translate API.

#### 1.1.3. Software Interfaces

We will use Spring Boot Thymeleaf to help build the frontend, as well as JPA for the backend database functionality. We will also use Spring Boot with Java to connect the frontend to the backend.

## 4 . Non-Functional Requirements (Callie)

### 1.2. Performance Requirements

[The performance requirements need to be specified for all the functional requirements.]

- NFR0: The system will allow the user to upload text, image and video files and post them to the site in less than 5 minutes.
- NFR1: The system will allow the user to send messages to other users

- NFR2: The system will allow the user to report other users
- NFR3: The system will consume no memory on the user's device.

### **1.3. Safety Requirements**

- Children under the age of 13 will not be permitted to use the system.
- Posts or profiles containing explicit content must be flagged as such.
- The system will filter out explicit content from user feed by default.
- The system will not allow explicit content to be turned on for any user under the age of 18.
- The system will not allow hate speech of any kind.

### **1.4. Security Requirements**

- The system will only be usable by authorized users.
- Regular users will not be able to access the areas of the app designated for Admins or Moderators.
- No user will be able to access information of other users listed as private.
- Passwords will be implemented to stop users from logging into other users' accounts.
- Users will not be required to enter their full name to sign up.
- User emails will be private by default.
- Private projects should not be able to be accessed by users not affiliated with the founding group or individual of said project.

### **1.5. Software Quality Attributes**

#### **1.5.1. Availability**

The system must be available to all users 99% of the time unless prior notice of maintenance downtime is given at least one hour in advance.

#### **1.5.2. Correctness**

The system will follow the design plans and function as intended without errors.

#### **1.5.3. Maintainability**

The mean time to restore the system following a system failure must not be greater than 24 hours.

#### **1.5.4. Reusability**

The functionality of the system's ability to allow users to make posts can be reused on other social media systems. The functionality of the system's ability to send messages to other users can be reused for other messaging systems.

#### **1.5.5. Portability**

The system will be accessible via any Linux, Windows, or Apple personal computer by the use of any working web browser.

### **1.6. Process Requirements**

#### **1.6.1. Development Process Used**

Scrum subset of Agile Processing Model.

#### **1.6.2. Time Constraints**

The system prototype should be ready by October 3, 2023. The system should be fully functional and running by December 5, 2023.

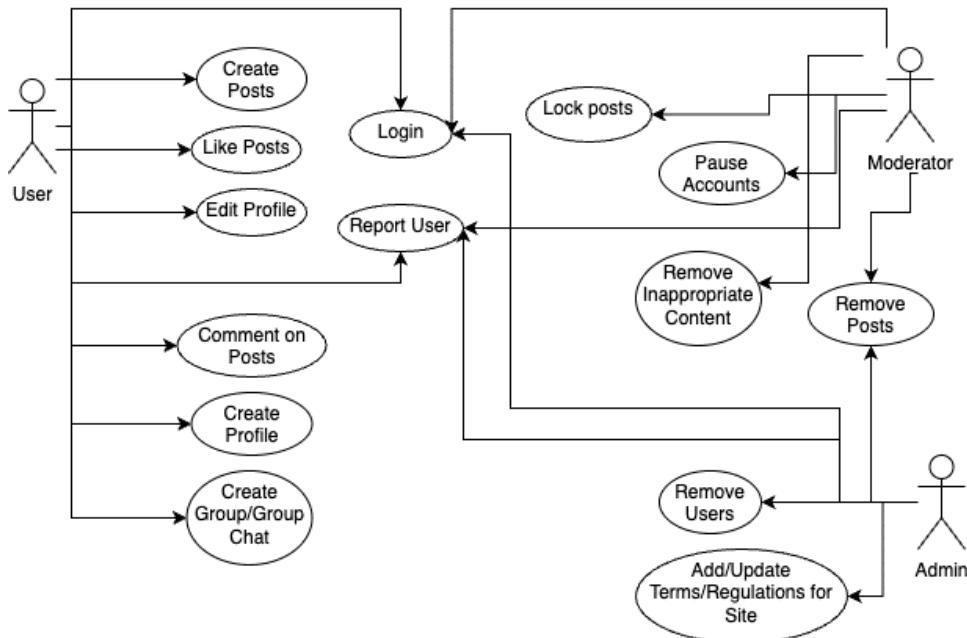
#### **1.6.3. Cost and Delivery Date**

The system will not have any monetary cost. The Delivery Date is December 5, 2023.

## 1.7. Other Requirements

- The time it takes for a new user to locate any features should not exceed 5 minutes.
- The time it takes for an experienced user to locate any feature should not exceed 1 minute.
- The error rate of users making a post must not exceed 10%.

## 1.8. Use-Case Model Diagram



## 1.9. Use-Case Model Descriptions

### 1.9.1. Actor: User (Maddison)

- **Create Posts:** User can upload text, image and video files and post them to the site
- **Like Posts:** User can like posts to provide feedback to other users
- **Edit Profile:** User can make changes to their own profile
- **Login:** User can log in to their account
- **Report User:** User can report another user for inappropriate behavior
- **Comment on Posts:** User can comment on other users' posts
- **Create Profile:** User can create a profile for their account
- **Create Group/Group Chat:** User can create a group for collaboration or chat with other users via a private group messaging feature

### 1.9.2. Actor: Moderator (Jonathan)

- **Login:** Moderator can log in to their account
- **Pause Accounts:** Moderator can put a pause user accounts of different lengths for offenses
- **Remove Inappropriate Content:** Moderator can remove content deemed inappropriate or hateful
- **Remove Posts:** Moderator can remove posts deemed inappropriate or hateful

### 1.9.3. Actor: Administrator (Callie)

- **Remove Posts:** Administrator can remove posts deemed inappropriate or hateful
- **Login:** Administrator can log in to their account
- **Remove Users:** Administrator can remove User accounts for too many violations to user guidelines

- Add/Update Terms/Regulations for Site: Administrators can add or update the user terms and regulations for the system.

## 1.10. Use-Case Model Scenarios

### 1.10.1. Actor: User (Maddison)

- **Use-Case Name:** Users registering an account
  - **Initial Assumption:** A user registered an account
  - **Normal:** a user doesn't require assistance
  - **What Can Go Wrong:** A user requests for their account information to be changed
  - **Other Activities:** Users entered invalid data
  - **System State on Completion:** The account is created
- **Use-Case Name:** Users report a post
  - **Initial Assumption:** Users report a post with a valid request
  - **Normal:** The report is reviewed
  - **What Can Go Wrong:** The report is false
  - **Other Activities:** Users report multiple posts for the same reasons
  - **System State on Completion:** The report is reviewed and decided to be removed
- **Use-Case Name:** User sends a message
  - **Initial Assumption:** Users send a valid message
  - **Normal:** The message is delivered to the correct recipient
  - **What Can Go Wrong:** The message is not sent, inappropriate content
  - **Other Activities:** User sends many duplicate messages
  - **System State on Completion:** The message is sent, key word delivered is displayed

### 1.10.2. Actor: Moderator (Jonathan)

- **Use-Case Name:** Mod pause an account
  - **Initial Assumption:** Mod pauses an account for a valid reason
  - **Normal:** The account is being paused due to an investigation or violation of TOS
  - **What Can Go Wrong:** Mod can pause the incorrect account or falsely pause an account
  - **Other Activities:** Mods can review reports to decide if an account should be paused
  - **System State on Completion:** The account is paused
- **Use-Case Name:** Mod removes inappropriate content
  - **Initial Assumption:** A user posted inappropriate content
  - **Normal:** The mod removes that content
  - **What Can Go Wrong:** the mod can abuse their power
  - **Other Activities:** Mod can remove the wrong content
  - **System State on Completion:** The content is removed

### 1.10.3. Actor: Administrator (Callie)

- **Use-Case Name:** Remove Posts
  - **Initial Assumption:** The Administrator removes a post.
  - **Normal:** The Administrator removes an inappropriate post.
  - **What Can Go Wrong:** The Administrator cannot find where to remove the post.
  - **Other Activities:** The Administrator removes several posts at once.
  - **System State on Completion:** The targeted post was removed.

- **Use-Case Name:** Add/Update Terms/Regulations for Site
  - **Initial Assumption:** The Administrator adds a new regulation for the site.
  - **Normal:** The Administrator adds a new regulation and the site's terms and regulations page is updated with a notification sent out to all users.
  - **What Can Go Wrong:** The Administrator accidentally deletes a regulation.
  - **Other Activities:** The Administrator adds several regulations.
  - **System State on Completion:** The new regulation has been added.

## 2. Design Documents

### 2.1. Software Architecture (Maddy)

Folder: User

- Class: User
- Interface: UserRepo
- Class: Router
  - registerUser
  - login
  - home
  - register
  - profile
- Class: UserService
  - getAllUsers
  - getUsersByRole
  - getUserId
  - getUserByUsername

Folder: Post

- Class: Post
- Interface: PostRepo
- Class: PostController
  - likePost
  - deletePost
  - createPost
- Class: PostService
  - getAllPosts
  - getPostsByUser
  - getPostById

Folder: Report

- Class: Report
- Interface: ReportRepo
- Class: ReportController
  - createReport
- Class: ReportService
  - getAllReports
  - getAllReportsByUser

Folder: Project

- Class: Project

- Interface: ProjectRepo
- Class: ProjectController
  - o deleteProject
  - o createProject
- Class: ProjectService
  - o getAllProjects
  - o getAllProjectsByUser

#### Folder: Message

- Class: Message
- Interface: MessageRepo
  - o GetMessagesBetweenAuthorIdAndRecipientId
- Class: MessageController
  - o sendMessage
- Class: MessageService
  - o getAllMessages
  - o getAllMessagesSentBy
  - o GetAllMessagesSentTo
  - o GetMessagesBetween

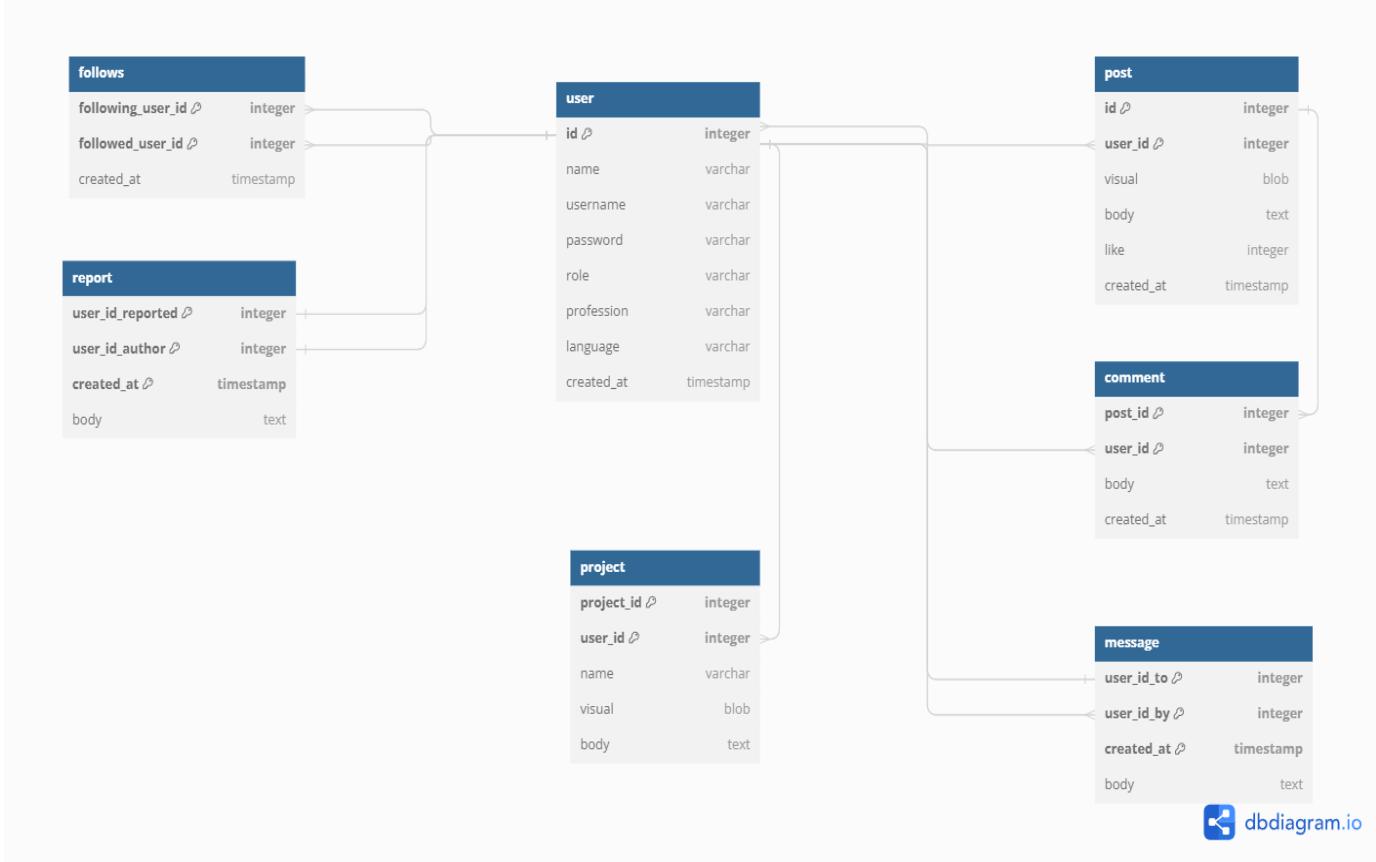
#### Folder: Comment

- Class: Comment
- Interface: CommentRepo
  - o findByPostId
- Class: CommentController
  - o SendComment
  - o getComments
- Class: CommentService
  - o getCommentByPost

#### Folder: Security

- Class: SecurityConfig

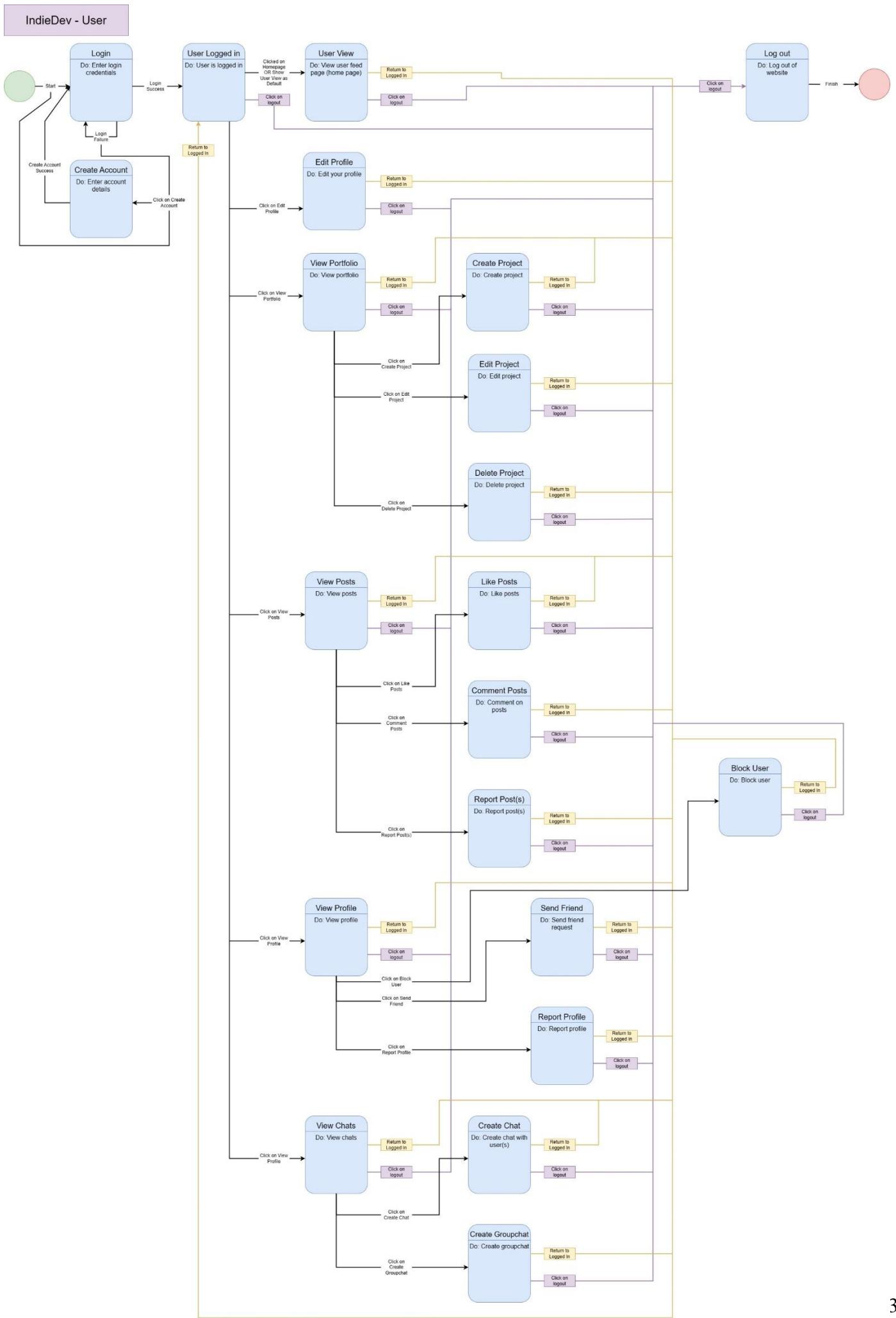
## 2.2. High-Level Database Schema (Maddy)



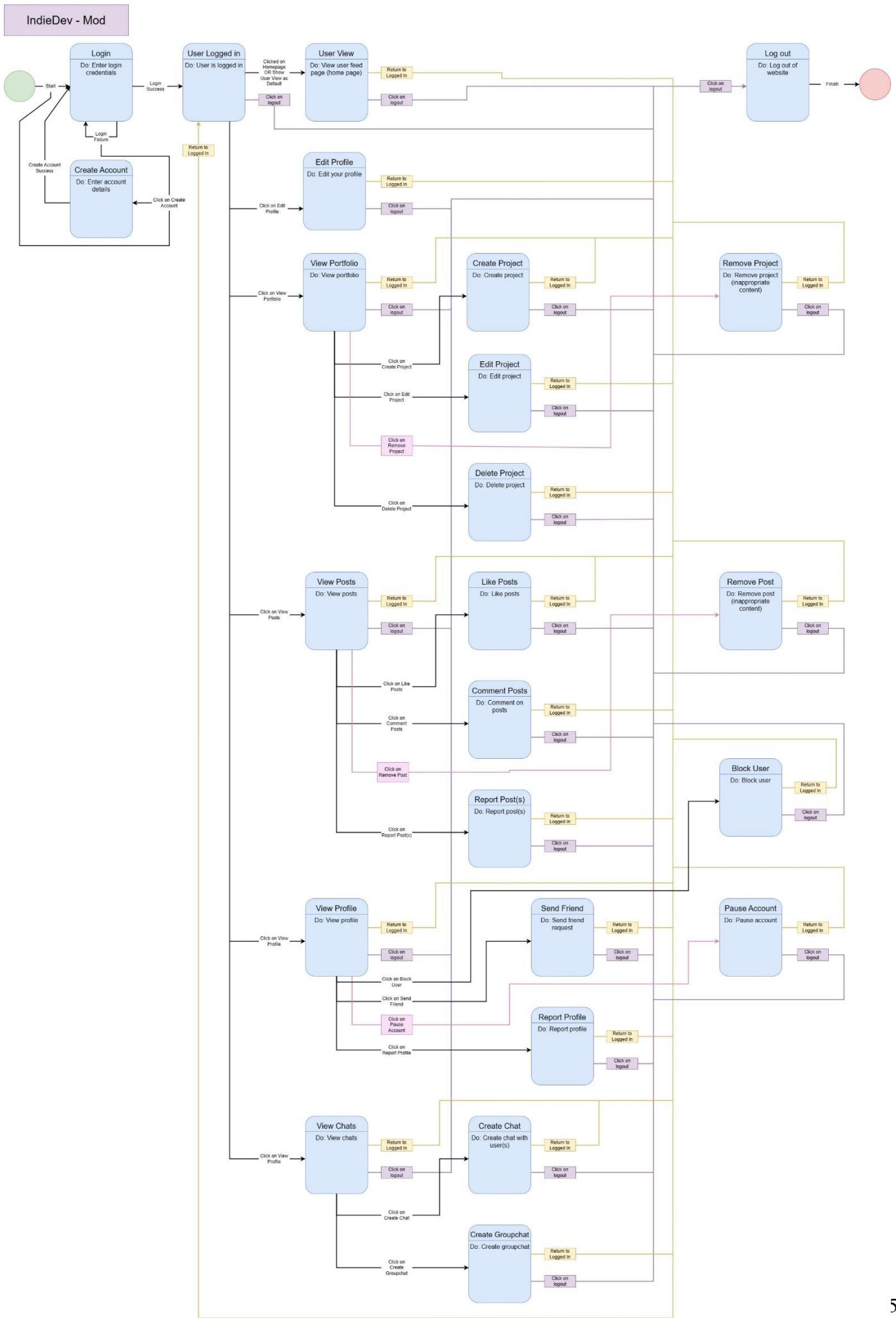
 dbdiagram.io

## **2.3. Software Design (Jonathan)**

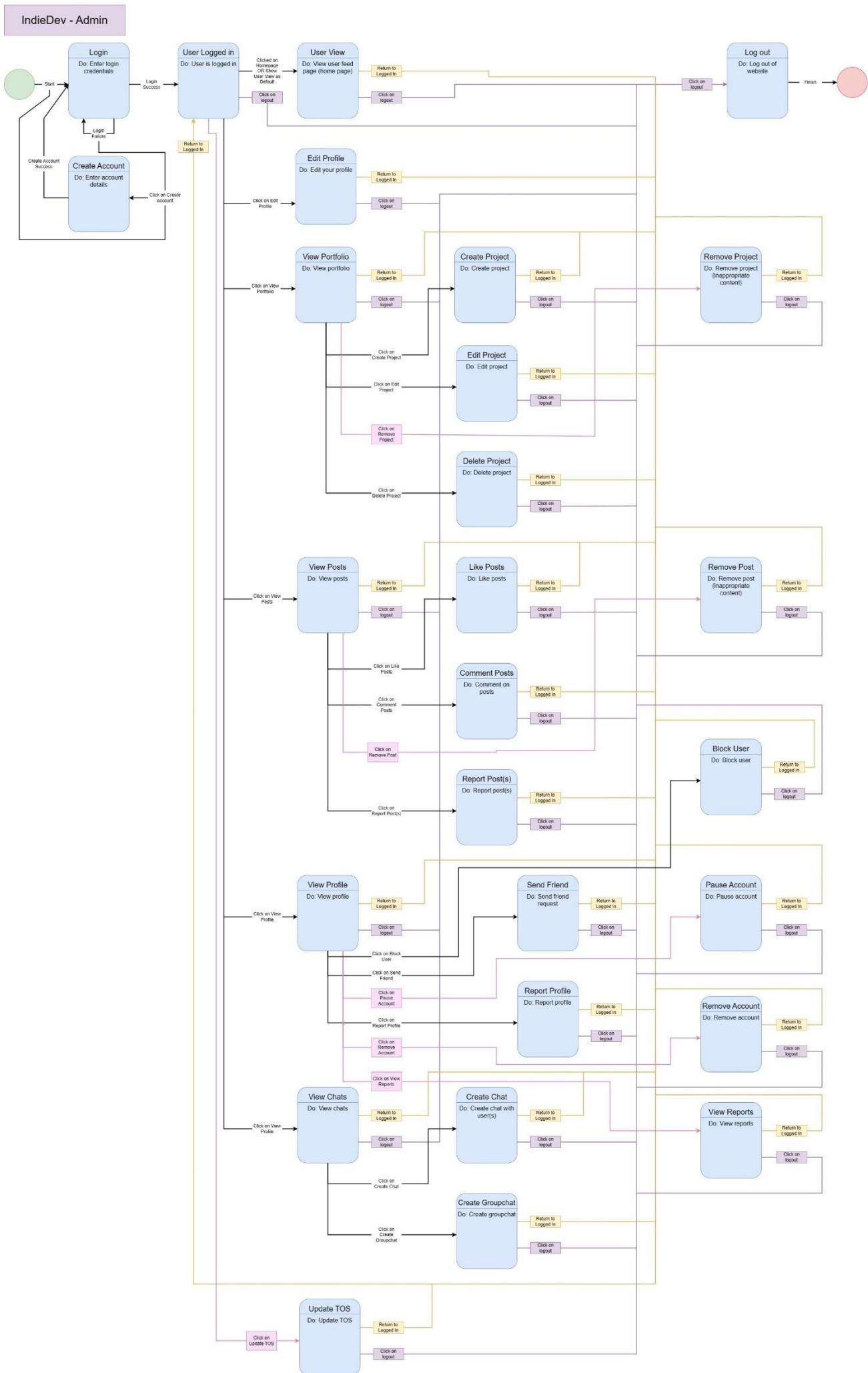
### **2.3.1. State Machine Diagram: User (Maddison)**



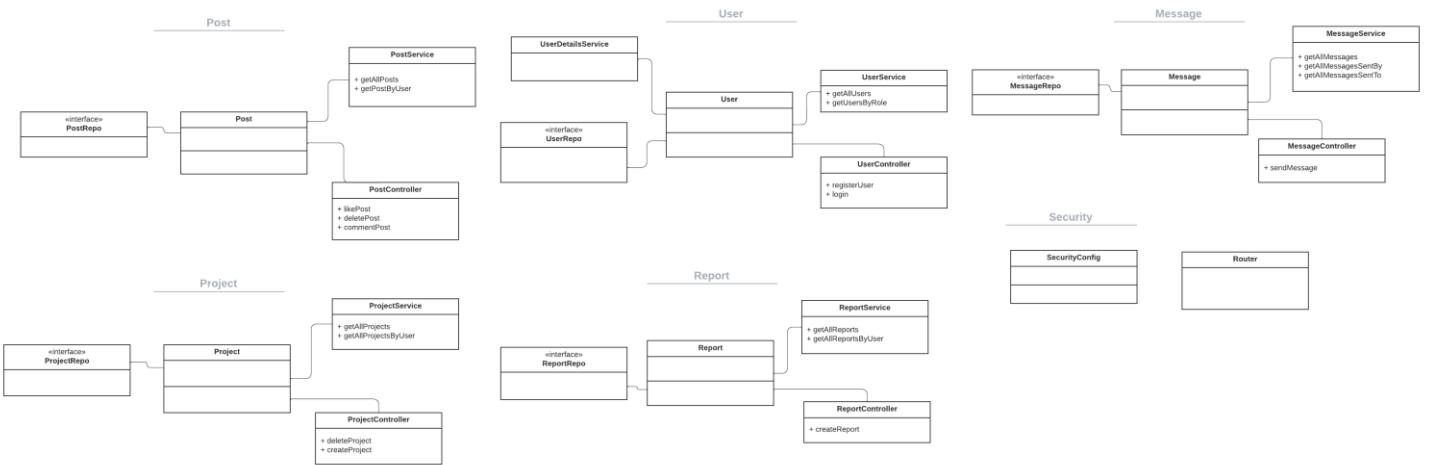
### **2.3.2. State Machine Diagram: Mod (Jonathan)**



### **2.3.3. State Machine Diagram: Admin (Callie)**



## 2.4. UML Class Diagram (Callie)



## 3. Scenario

### 3.1. Brief Written Scenario with Screenshots

User: Create User profile use case: (Maddy)

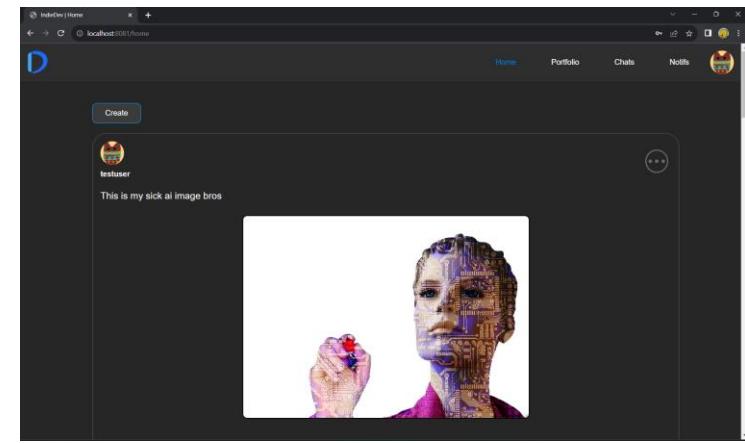
- 1) User U1 registers an account

a.

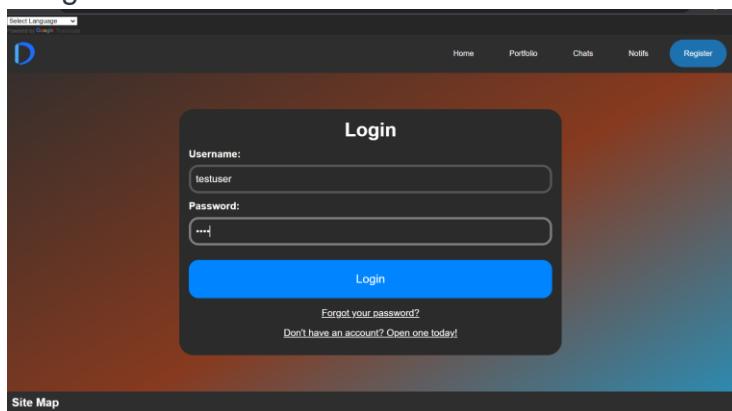
The screenshot shows the IndieDev home page with a dark theme. At the top, there's a navigation bar with links for Home, Portfolio, Chats, and Login/Register. Below the navigation, there's a large image of a cat's face. On the left, there's a sidebar with links for Develop, Connect, Create, Collaborate, and Share, followed by the text "All in one place". In the center, there are two buttons: "Join the community!" (blue) and "Already part of the community?". Below these buttons is a "Sign Up" button.

b.

The screenshot shows the IndieDev registration page. The title is "IndieDev | Register". It features a "Register" button at the top right. The form contains fields for Username, Name, Password, Confirm Password, Select your profile language (with English selected), and Select your role (with Developer selected). There's also a "Pick a Profile Picture" section with several small profile picture thumbnails.



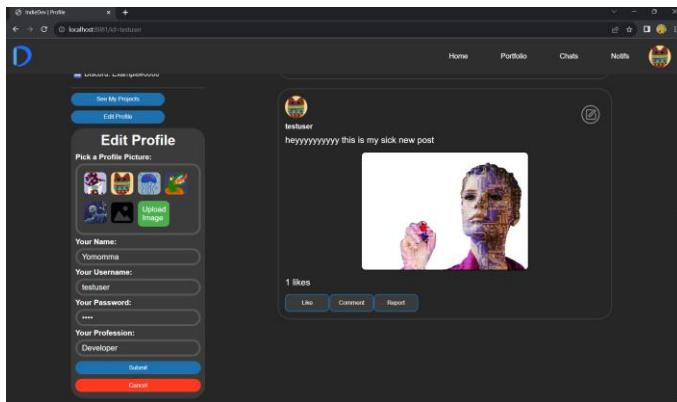
2) User U2 signs in



3) User U2 navigates to profile and presses edit profile and make changes

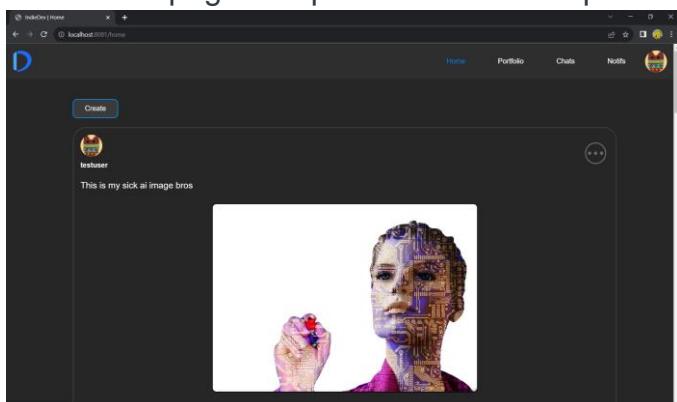
a.

b.

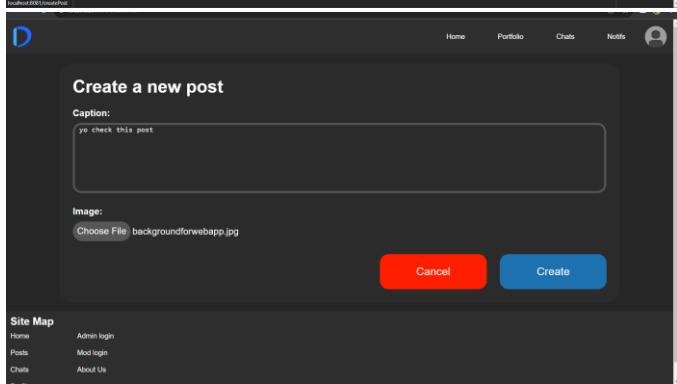


c.

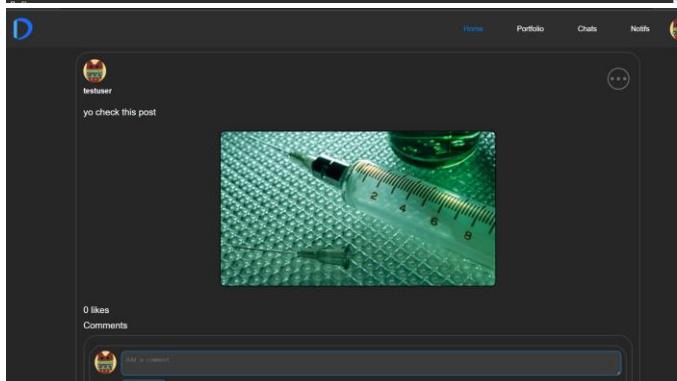
- 4) U2 goes to Home page and presses the create post button to create post.



a.

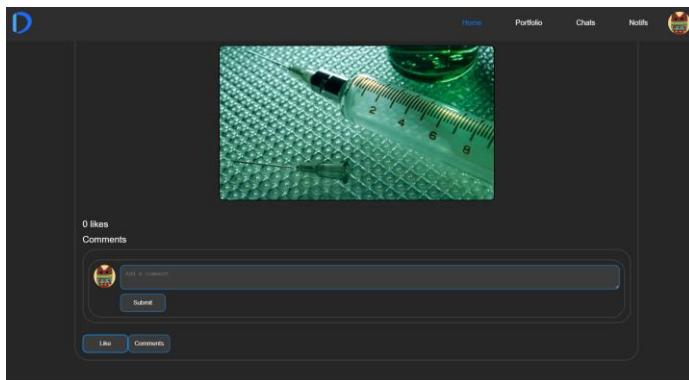


b.

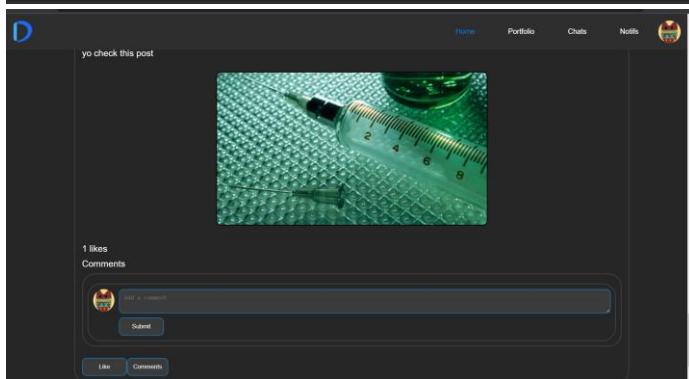


c.

- 5) U2 likes a post by pressing the like button

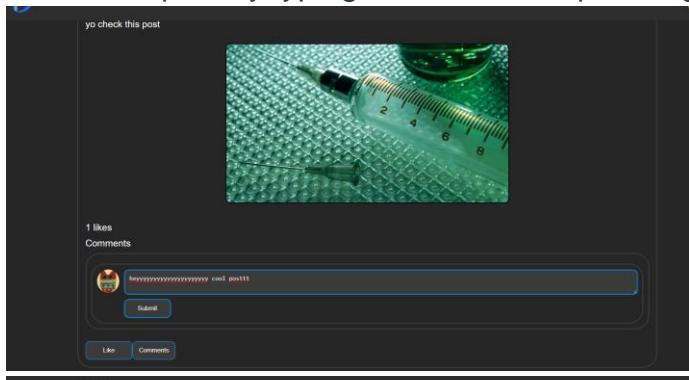


a.

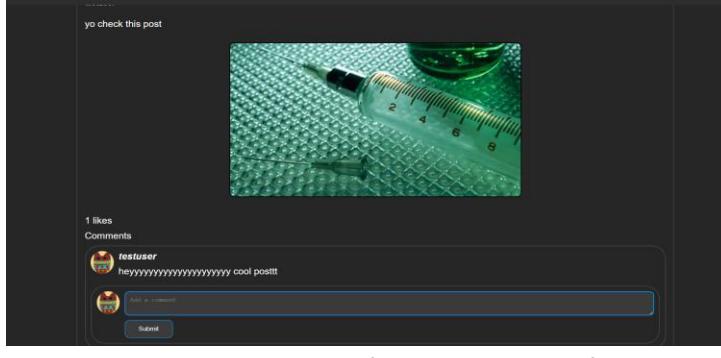


b.

- 6) U2 comments on post by typing in the box and pressing submit button or enter key



a.



b.

- 7) U2 creates projects on their portfolio on the portfolio pages

this is a game about stuff

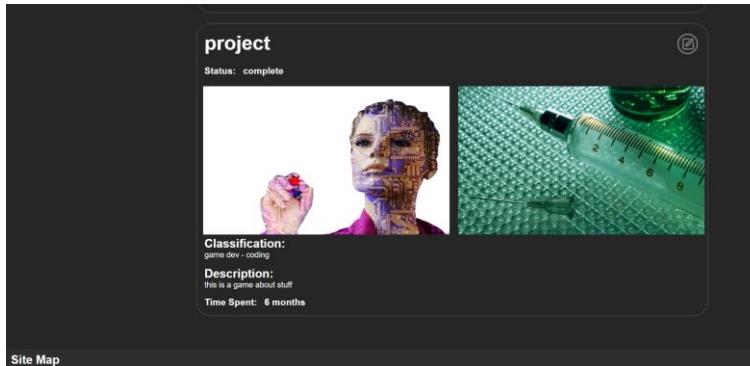
Project Time Spent:  
6 months

Project Status:  
 Completed  Incomplete

Project Images:  
Choose File: robot-507811\_1280.jpg

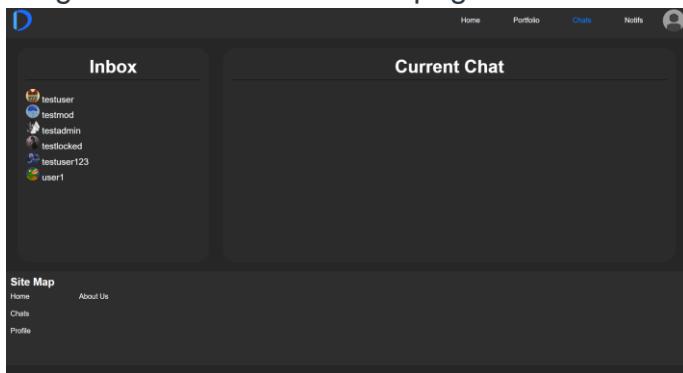
Project Videos:  
Choose File: backgroundforwebapp.jpg

a.

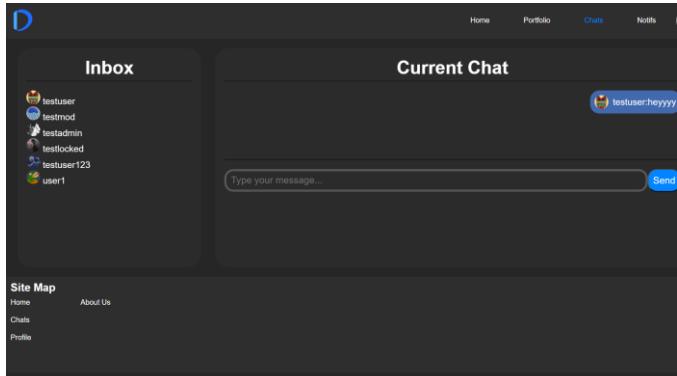


b. Site Map

- 8) U2 messages other users on chats page

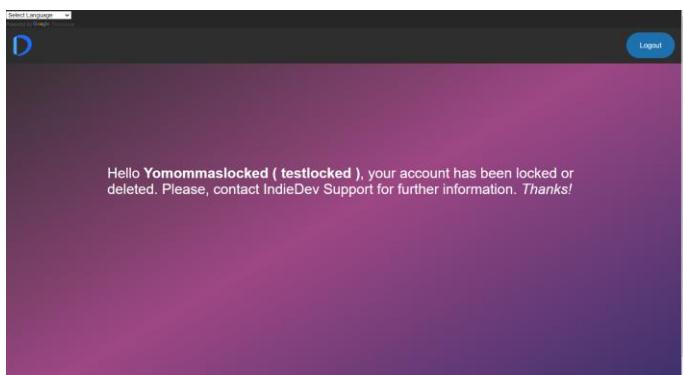


a.



b.

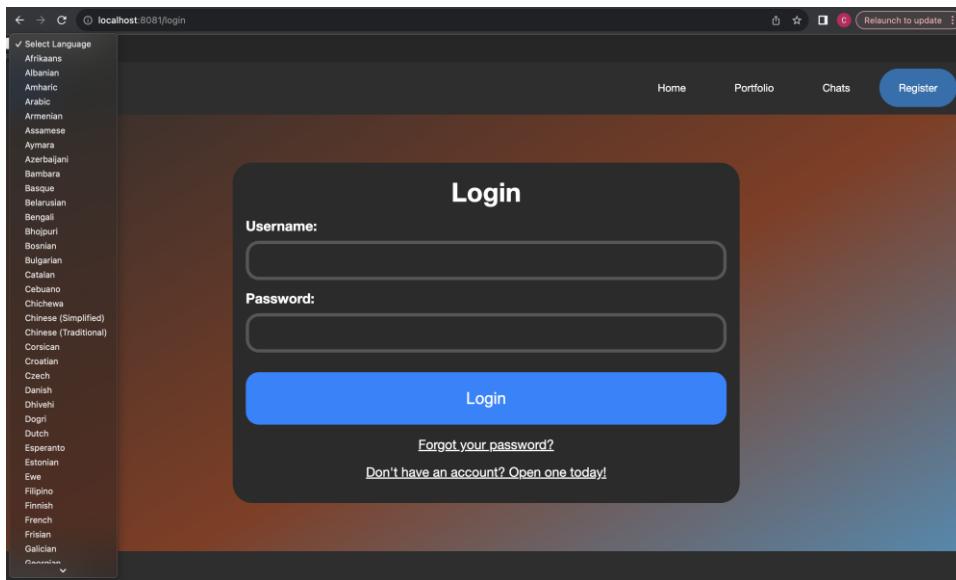
- 9) U3 account becomes locked by moderator , they cannot sign in but instead view the locked out screen



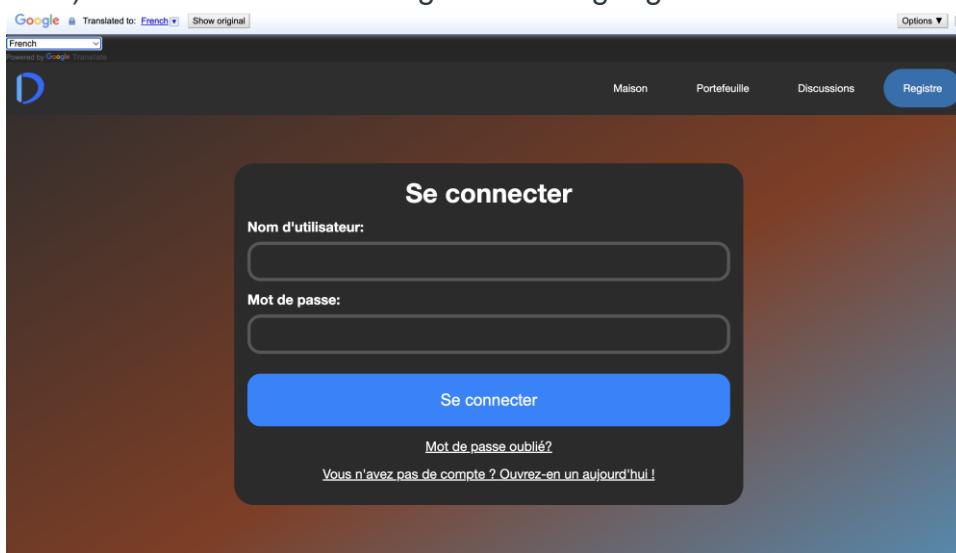
a.

*Administrator: Create Admin profile use case: (Callie)*

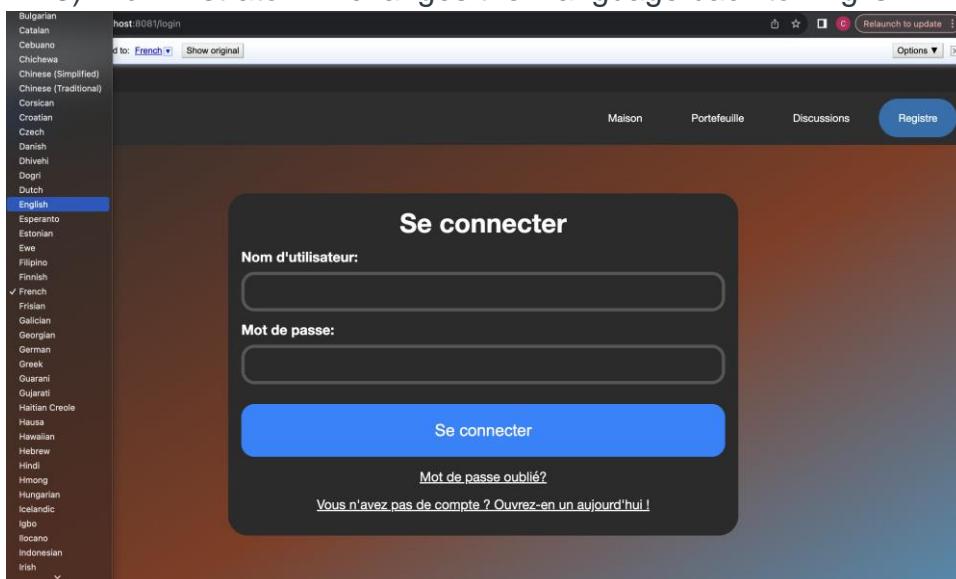
- 1) Administrator A1 wants to change their language and clicks the Select Language dropdown menu.



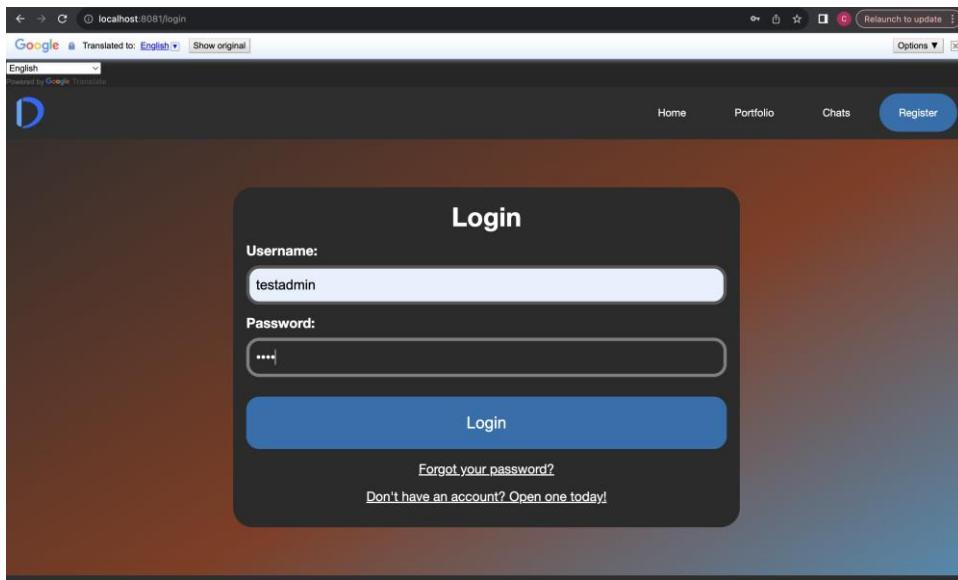
2) Administrator A1 changes their language to French.



3) Administrator A1 changes their language back to English.



4) Administrator A1 logs into their account.



5) Administrator A1 visits their Dashboard.

User ID	Username	Name	Role	Reports
View User:2	testmod	JOEMAMA-MOD1	MOD	<a href="#">View Reports</a>
View User:3	testadmin	Yomomasadmin	ADMIN	<a href="#">View Reports</a>
View User:4	testlocked	Yomomaslocked	USER	<a href="#">View Reports</a>
View User:5	testuser	Yonomma	USER	<a href="#">View Reports</a>
View User:16	poopy1	poopoo	USER	<a href="#">View Reports</a>
View User:18	tomtom	Tommy	USER	<a href="#">View Reports</a>

6) Administrator A1 views the Report on User U2.

localhost:8081/dashboard/testmod/reports

Select Language: English (US) | Relaunch to update

**D**

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Report Post ID	Report Description
3	17(null)	2023-12-04T00:34:38	POST	2		1	BAD CONTENT

Post ID	Post Body	Post Locked?	Post Action
3	This is my sick ai image bros	true	<button>Unlock</button>

**JOEMAMA-MOD1**

Username: testmod  
User ID: 2  
User Status: MOD

- 7) Administrator A1 determines the Locked Post does not violate the Terms Of Service, so A1 unlocks the Locked Post.

localhost:8081/dashboard/testmod/reports

Select Language: English (US) | Relaunch to update

**D**

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Report Post ID	Report Description
3	17(null)	2023-12-04T00:34:38	POST	2		1	BAD CONTENT

Post ID	Post Body	Post Locked?	Post Action
3	This is my sick ai image bros	false	<button>Unlock</button>

**JOEMAMA-MOD1**

Username: testmod  
User ID: 2  
User Status: MOD

- 8) Administrator A1 views the Report on User U5.

localhost:8081/dashboard/testuser/reports

Select Language: English (US) | Relaunch to update

**D**

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Report Post ID	Report Description

Post ID	Post Body	Post Locked?	Post Action

**Yomomma**

Username: testuser  
User ID: 5  
User Status: LOCKEDUSER

Unlock Account

- 9) Administrator A1 determines that User U5 did not violate the Terms Of Service, so A1 Unlocks the account.

localhost:8081/dashboard/testuser/reports

Select Language: English

Home Portfolio Chats

**D**

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Report Post ID	Report Description

Post ID Post Body Post Locked? Post Action



**Yomomma**  
Username: testuser  
User ID: 5  
User Status: USER

10) Administrator A1 views the Reports on User U16.

localhost:8081/dashboard/poopy1/reports

Select Language: English

Home Portfolio Chats

**D**

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Report Post ID	Report Description
1	2(testmod)	2023-12-03T20:52:23	USER	16			poopooo
4	17(null)	2023-12-04T00:35:05	POST	16		2	BADCONTENT4321
5	3(testadmin)	2023-12-06T15:48:03	USER	16			They were mean to me

Post ID Post Body Post Locked? Post Action



**poopoo**  
Username: poopy1  
User ID: 16  
User Status: USER

11) Administrator A1 determines that User U16 violated the Terms of Service.

12) Administrator A1 goes to their Dashboard and clicks View User:16

localhost:8081/#/user/poopy1

Select Language: English

Home Portfolio Chats

**D**

## Posts

  
**poopoo**  
@poopy1  
Roles:  
Developer

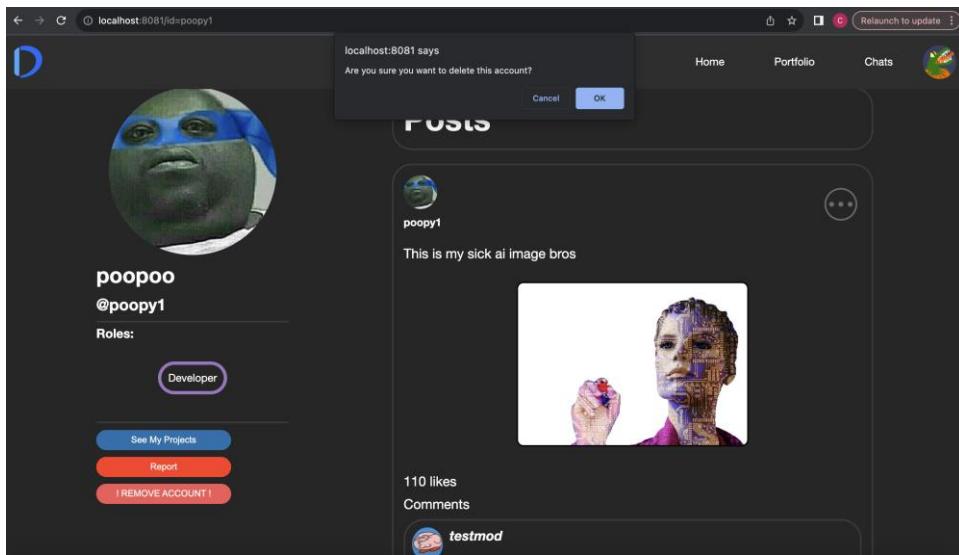
See My Projects Report I REMOVE ACCOUNT !

This is my sick ai image bros



110 likes

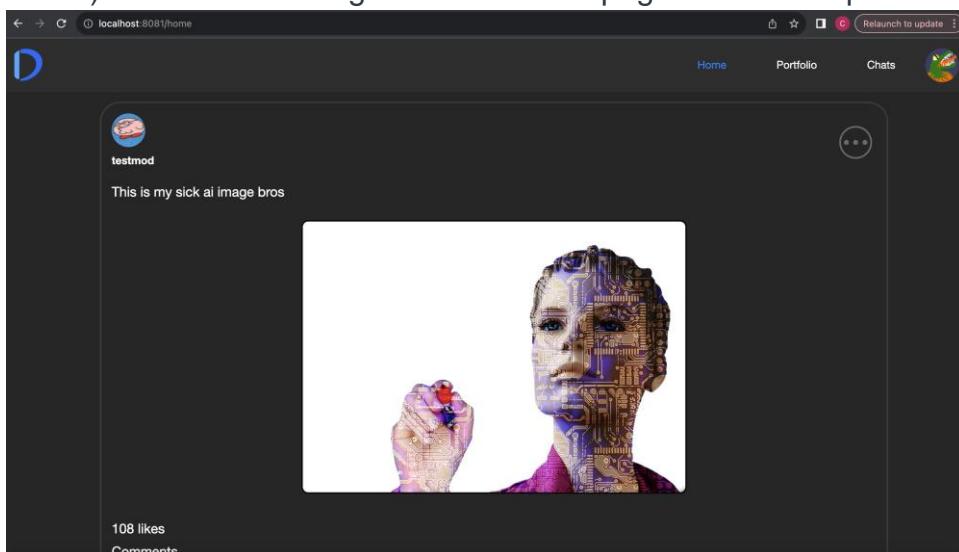
13) Administrator A1 deletes the account of User U16.



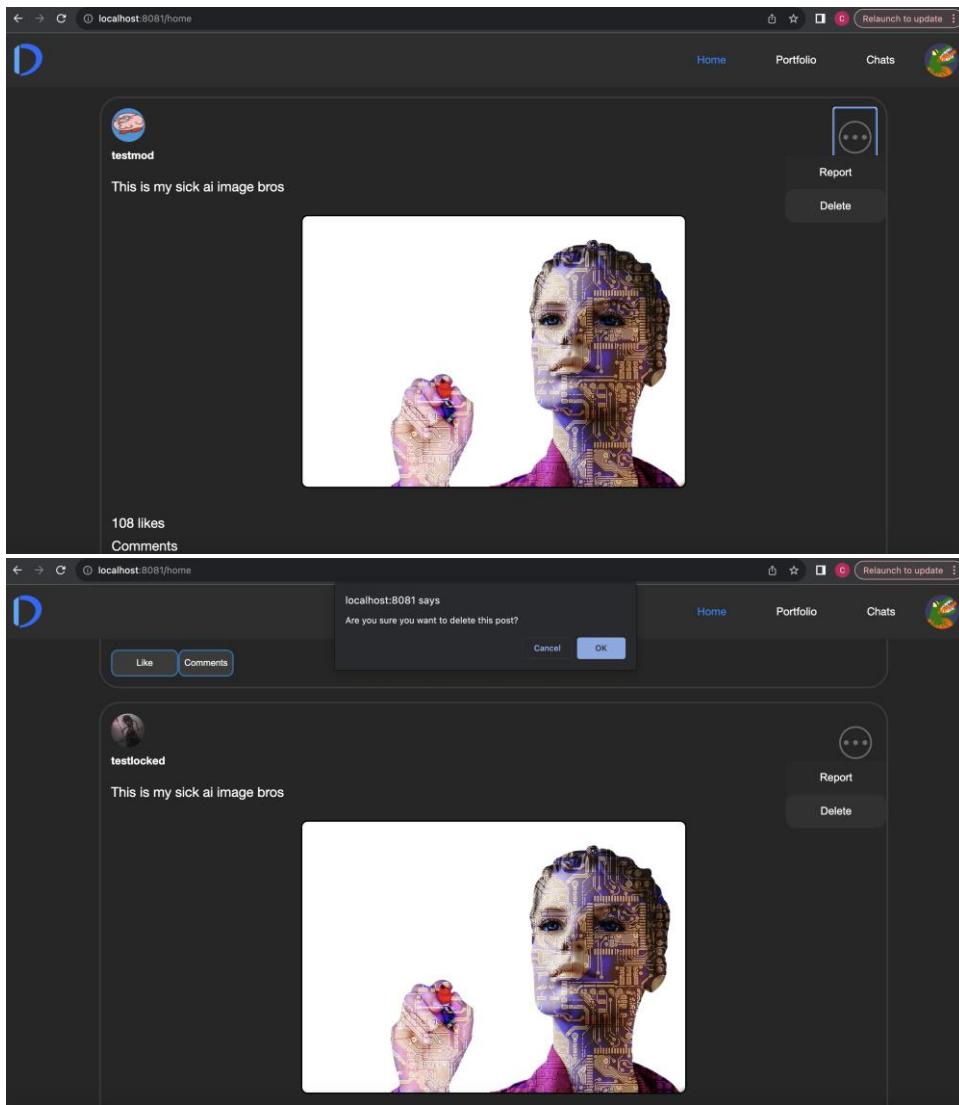
14) Administrator A1 goes to their Dashboard and sees that User U16's account has been successfully deleted.

User ID	Username	Name	Role	Reports
<a href="#">View User:2</a>	testmod	JOEMAMA-MOD1	MOD	<a href="#">View Reports</a>
<a href="#">View User:3</a>	testadmin	Yomommashadmin	ADMIN	<a href="#">View Reports</a>
<a href="#">View User:4</a>	testlocked	Yomommashlocked	USER	<a href="#">View Reports</a>
<a href="#">View User:5</a>	testuser	Yomomma	LOCKEDUSER	<a href="#">View Reports</a>
<a href="#">View User:18</a>	tomtom	Tommy	USER	<a href="#">View Reports</a>

15) Administrator A1 goes to the Homepage and sees a post made by User testmod.



16) Administrator A1 deletes the post.



17) Administrator A1 wants to edit the Terms of Service.

18) Administrator A1 goes to the Terms of Service page and clicks the Edit button.

# Site Map

- [Home](#)
- [Terms Of Service](#)
- [Chats](#)
- [Profile](#)

localhost:8081/termsOfService

Select Language Powered by Google Translate

Home Portfolio Chats

## Terms Of Service

These Terms of Service ("Terms") are part of the User Agreement—a legally binding contract governing your use of IndieDev. When posting Content and otherwise using the Services, you must comply with this User Agreement and Applicable Law. You are responsible for your use of the Services and your Content. You must comply with this User Agreement, its incorporated policies, and all applicable laws. You must abide by the Services' acceptable use terms: You may not access the Services in any way other than through the currently available, published interfaces provided by us; this means that you cannot script them or use them to gain an unfair technical advantage, or otherwise attempt to disrupt the operation of the Services. We have broad enforcement rights: IndieDev reserves the right to take enforcement actions against you if you do violate these terms, such as, for example, removing your Content, limiting visibility, discouraging your users from IndieDev, or taking legal action. We may also suspend or terminate your account for other reasons, such as risk of legal exposure or commercial invisibility. There are Intellectual Property Licenses in these Terms: You retain ownership and rights to any of your Content you post or share, and you provide us with a broad, royalty-free license to make your Content available to the rest of the world and to let others do the same. Conversely, we provide you a license to use the software we provide as part of the Services, solely for the purpose of enabling you to use and enjoy the benefit of the Services. Your use of the Services is at your own risk: We provide the Services on an "AS IS" and "AS AVAILABLE" basis, and we disclaim all warranties, responsibility, and liability to you or others to the extent permitted by law. You may be exposed to offensive or harmful content posted by other users. The Services may change from time to time, and we may limit or terminate availability of the Services or particular features to you or other users at any time. You have remedies and redress mechanisms, but our liability is limited: You have a right to terminate this agreement at any time by deactivating your account and discontinuing use of the Services. Note that we will not be liable for certain types of damages as described in the agreement, and in any event, our aggregate liability shall not exceed the greater of \$1 USD for the Services giving rise to the claim. Further, if you believe that your Content has been copied in a way that constitutes copyright infringement, the reporting process is detailed in these Terms. Please also note that these Terms as well as other terms applicable to your use of the Services and your Content. Finally, these terms may vary depending on where you live, but in any case, you must be at least 18 years old to use IndieDev.

Edit

19) Administrator A1 Edits the Terms of Service and clicks Save to save their changes.

localhost:8081/termsOfService

Select Language Powered by Google Translate

Home Portfolio Chats

## Terms Of Service

This is Terms of Service. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. asdasdfewqrqwe These terms are legally binding.

Last Edited testadmin By:

Publish Save Cancel

## Terms Of Service

This is Terms of Service. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. asdasdfewqrqwe These terms are legally binding.

Last Edited testadmin By:

Publish Save Cancel

20) Administrator A1 goes to the Home Page.

The screenshot shows a dark-themed web application interface. At the top, there's a header with a logo, navigation links for 'Home', 'Portfolio', and 'Chats', and a user profile icon. Below the header, a 'Comments' section displays two comments from users 'testmod' and 'testadmin'. A form for adding a new comment is shown, with a placeholder 'Add a comment' and a 'Submit' button. At the bottom of the comments section are 'Like' and 'Comments' buttons. In the main content area, a 'Site Map' is visible with links to 'Home', 'Terms Of Service', 'Chats', and 'Profile'.

21) Administrator A1 returns to the Terms of Service page and clicks the Edit button.

The screenshot shows the 'Terms Of Service' page. The page title is 'Terms Of Service'. The content area contains a detailed legal text about the User Agreement and Applicable Law. At the bottom left of the content area, there is a blue 'Edit' button.

22) Administrator A1 clicks the Publish button, updating the Terms of Service page to reflect their saved changes.

# Terms Of Service

This is Terms of Service. Lorem ipsum dolor sit amet, consectetur ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. These terms are legally binding.

Last Edited By: testadmin

[Publish](#)

[Save](#)

[Cancel](#)

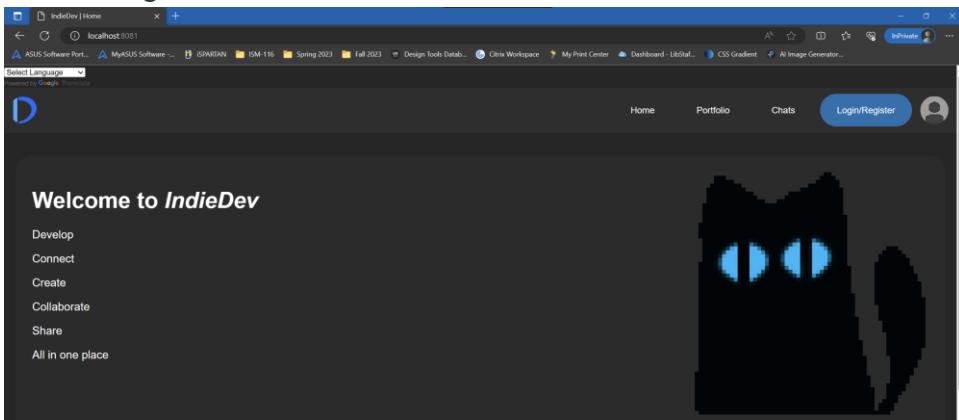
A screenshot of a web browser displaying the 'Terms Of Service' page. The URL in the address bar is 'localhost:8081/termsOfService'. The page title is 'Terms Of Service'. The main content area contains a placeholder text block: 'This is Terms of Service. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. These terms are legally binding.' Below this text is a blue 'Edit' button. At the top of the page, there is a header with a profile picture, the name 'Yomomasadmin', and navigation links for 'Home', 'Portfolio', and 'Chats'.

23) Administrator A1 logs out of their account.

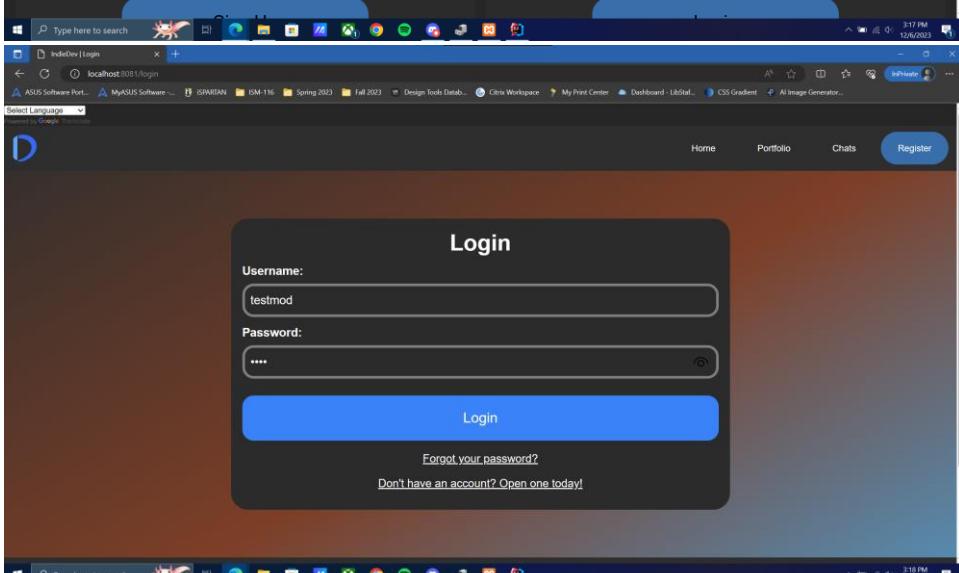
A screenshot of a web browser displaying the 'Terms Of Service' page. The URL in the address bar is 'localhost:8081/termsOfService'. The page title is 'Terms Of Service'. The main content area contains a placeholder text block: 'This is Terms of Service. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. These terms are legally binding.' Below this text is a blue 'Edit' button. At the top of the page, there is a header with a profile picture, the name 'Hi, Yomomasadmin', and navigation links for 'Profile', 'Dashboard', and 'Logout'.

Moderator: Moderator Use-Case (Jonathan)

1) Moderator M1 logs into their account.

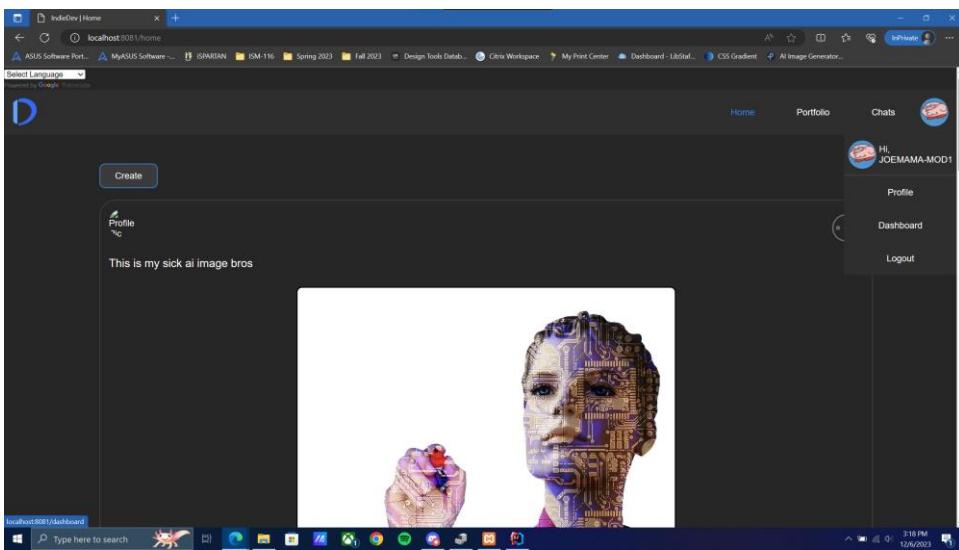


a.



b.

2) Moderator M1 visits the dashboard



a.

D

User ID	Username	Name	Role	Reports
View User:2	testmod	JOEMAMA-MOD1	MOD	<a href="#">View Reports</a>
View User:3	testadmin	Yomommasadmin	ADMIN	<a href="#">View Reports</a>
View User:5	testuser	Yomomma	LOCKEDUSER	<a href="#">View Reports</a>
View User:18	pisspants	Ethan Allen!!	LOCKEDUSER	<a href="#">View Reports</a>
View User:20	AlexJo	Alex Joe	USER	<a href="#">View Reports</a>
View User:21	testinguser	test name	USER	<a href="#">View Reports</a>

b.

- 3) M1 views reports on User 18

D



**Ethan Allen!!**

Username: pisspants  
User ID: 18  
User Status: LOCKEDUSER

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Reported Post ID	Report Description
6	16(null)	2023-12-05T18:37:46	POST	18		8	This contains inappropriate content!

Post ID	Post Body	Post Locked?	Post Action
6	SHREK	true	
8	I'm going to say something bad. Programming in machine code is super easy.	true	
9	Coding is awesome! Here's an image here!	false	

a.

- 4) M1 sees the reports and goes to their profile

D



**Ethan Allen!!**  
@pisspants

Roles:  
**Developer**

[See My Projects](#)  
[Report](#)  
[I PAUSE ACCOUNT!](#)

**Posts**

**pisspants**

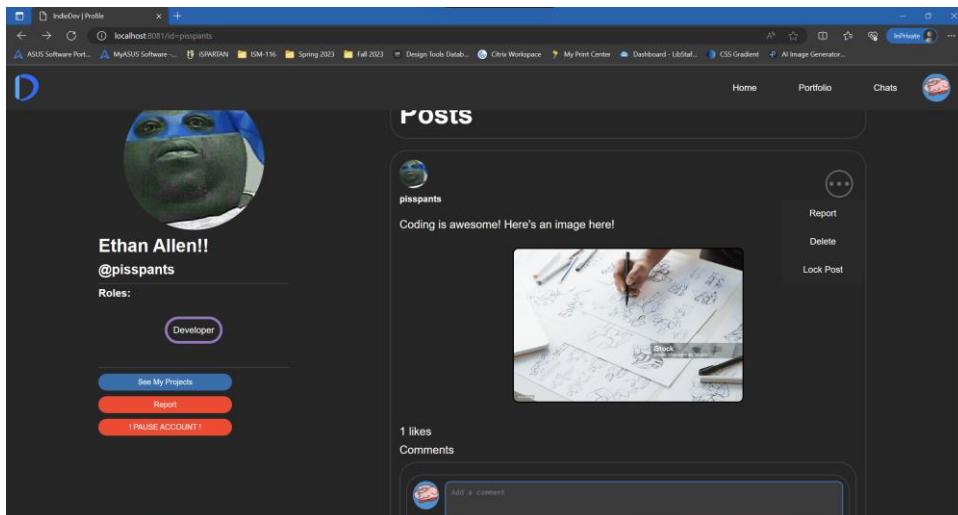
Coding is awesome! Here's an image here!



0 likes  
Comments

a.

- 5) M1 locks User 18's posts



a.

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Reported Post ID	Report Description
6	16(null)	2023-12-05T18:37:46	POST	18		8	This contains inappropriate content

Post ID	Post Body	Post Locked?	Post Action
6	SHREK	true	
8	I'm going to say something bad. Programming in machine code is super easy.	true	
9	Coding is awesome! Here's an image here!	true	

Ethan Allen!!  
Username: pisspants  
User ID: 18  
User Status: LOCKEDUSER

b.

## 6) M1 determines that locking posts isn't enough and pauses User 18

User ID	Username	Name	Role	Reports
View User:2	testmod	JOEMAMA-MOD1	MOD	<a href="#">View Reports</a>
View User:3	testadmin	Yomommashadmin	ADMIN	<a href="#">View Reports</a>
View User:5	testuser	Yomomma	LOCKEDUSER	<a href="#">View Reports</a>
View User:18	pisspants	Ethan Allen!!	USER	<a href="#">View Reports</a>
View User:20	AlexJoe	Alex Joe	USER	<a href="#">View Reports</a>
View User:21	testinguser	test name	USER	<a href="#">View Reports</a>

a.

D

**Ethan Allen!!**  
@pisspants

Roles:

- Developer

[See My Projects](#)

[Report](#)

[PAUSE ACCOUNT!](#)

**Site Map**

Home Terms Of Service Chats

b.

localhost:8081 says

Are you sure you want to pause this account?

[OK](#) [Cancel](#)

**Ethan Allen!!**  
@pisspants

Roles:

- Developer

[See My Projects](#)

[Report](#)

[PAUSE ACCOUNT!](#)

**Site Map**

Home Terms Of Service Chats

c.

Report ID	Reporter User ID (Username)	Creation Date	Classification (USER, POST, OR PROJECT)	Reported User ID	Reported Project ID	Reported Post ID	Report Description
6	16(null)	2023-12-05T18:37:46	POST	18		8	This contains inappropriate content

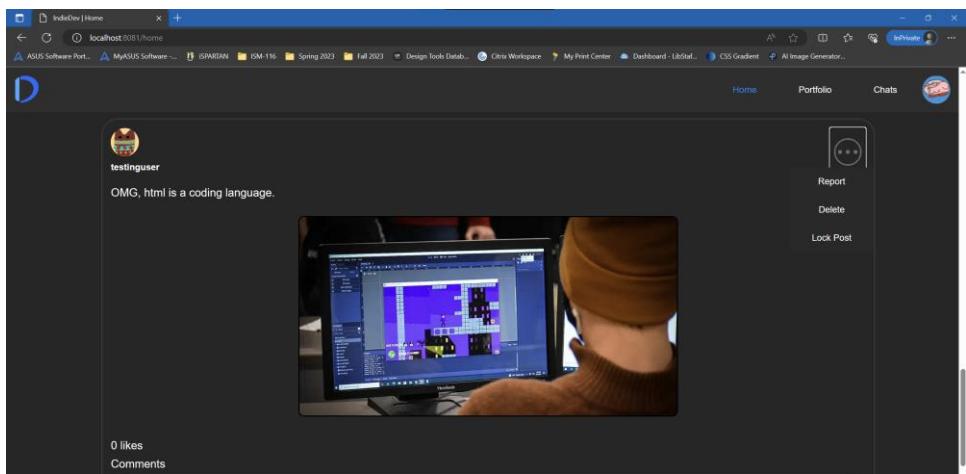
**Ethan Allen!!**

Username: pisspants  
User ID: 18  
User Status: LOCKEDUSER

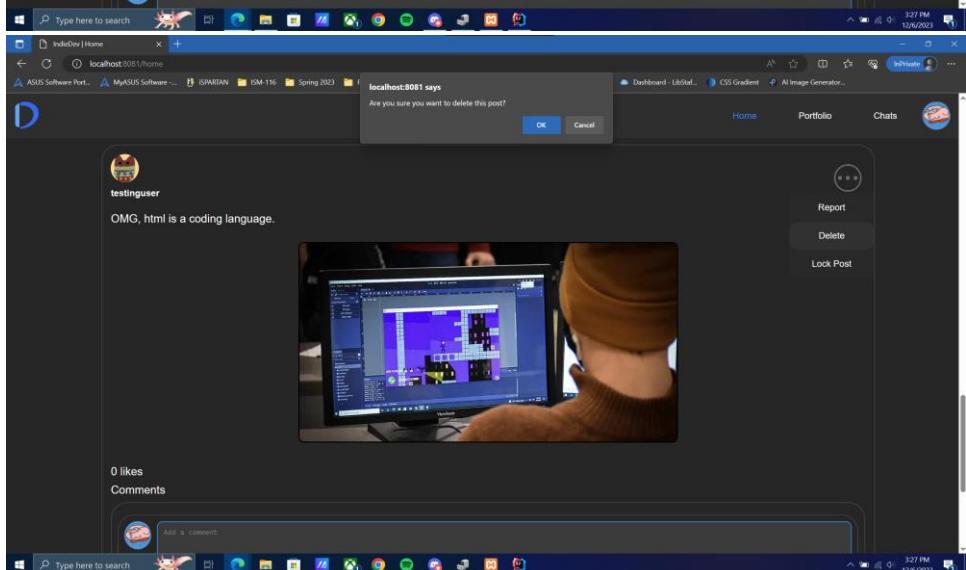
**Site Map**

d.

- 7) M1 goes onto the home page and finds another inappropriate post and removes it this time.



a.



b.