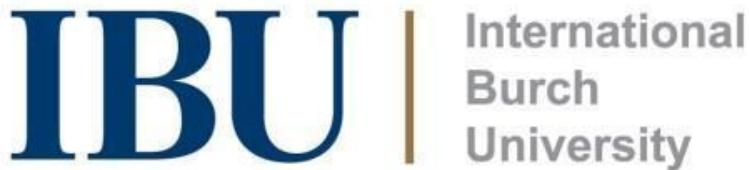


INTERNATIONAL BURCH UNIVERSITY  
FACULTY OF ENGINEERING, NATURAL AND MEDICAL SCIENCES  
DEPARTMENT OF INFORMATION TECHNOLOGIES



**SOFTWARE PROJECT MANAGEMENT**  
**Dating Platform “MeetMe”**

Students:  
Amina Hamzić, Merima Maksumić

Supervisor  
Prof. Dr. Nermina Durmić

SARAJEVO  
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## **Project Overview**

In our project, we are designing an advanced Dating Platform that satisfies the growing need for real connections based on technology in current society. The central issue that we try to solve concerns superficiality and tediousness of online dating applications. We envision a place that encourages real engagements, builds constructive discussions and focuses on user safety.

With modernity, online dating has moved to mobile applications. However, issues like fake profiles, superficial chatting and disregard of meaningful relationships easily occur in these sites. The goal of “MeetMe” is to address these issues by offering a dating service solution that aims at authenticity and matchmaking. We want to give people place to meet new people, feel safe and have new connections

## **Project Vision**

Our project, “MeetMe,” describes the world where singles from 18 to 65 years old will find someone with whom they will connect on a deep level in beliefs and interest; one that is safe yet authentic online. We are committed to revolutionizing the dating platform landscape.

However, the ultimate goal of “MeetMe” is not to be simply a dating site; rather it seeks to become a force enabling genuine and deep connection. Our long-term goals include *Authentic Relationships* that will establish this authentic space for singles without the interference of commercial algorithms. *Safety First-* to prioritize user security, creating a reliable and secure environment for all users, and *deep connections* that are more than just superficial encounters, to support the development of deep and lasting connections.

At the heart of MeetMe are our core values, which guide every decision and action we take. Our platform is user-centric meaning that we center our users’ needs and wants in everything we do.

Privacy and Trust is very important to us, providing security and respecting the privacy of user data.

Unlike other dating platforms that profit from user data and prioritize quantity over quality, “MeetMe” stands by its principles; Our platform puts the interests of users and their safety first. A dedication to cultivating sincere engagements and enduring connections, and providing the users with control over their data and people they interact with.

We do not want to stop with this- goal is to expand the user base by embracing a diverse group of singles from different cultures, ethnic origins and age groups. Plan is to continuously update the platform through user feedback and emerging patterns, and in the end to contribute positively to our users’ lives through establishing meaningful connections.

Our goal for “MeetMe” is to be a leading platform in the dating platform industry, offering a secure space for singles to connect genuinely, build lasting relationships, and discover the magic of deep connections.

## Product Roadmap

Timeframe	Q1	Q2	Q3	Q4
Release name	MeetMe 1.0	MeetMe 2.0	MeetMe 3.0	MeetMe 4.0
Goal	The goal is to launch a secure and user-centric platform that allows for authentic connection between users.	The goal of this release is to diversify the user base and incorporate inclusive features that gather a global audience.	The goal is to provide better user experience by promoting meaningful interactions and relationships.	The goal is to establish a platform that is recognized by great tools and matching algorithms.
Features	<i>Strict policies on securing data efficacy for user security; Creation of user profiles; The first implementation of the matchmaking system.</i>	Integration of <i>multilingual support</i> and cultural inclusion features. More advanced filters to help users find connections across various cultures. Features of the community for group events.	More sophisticated matching technology, Tools of communication for better interaction. Built on user feedback in system.	New relationship-building tools and long-term engagement metrics. Data and privacy settings that are under more user control. Implement updates and feature enhancements that are derived from user feedback & trends.
Metrics	Number of user sign-ups, security and profile feedback, number of meaningful relationships reported by users	Diversity index of user base demographics. Engagement and satisfaction rates across various cultures.	Average conversation length. Reduction of spammy interactions.	Number of long-term relationships, User control and satisfaction with data and privacy options. User base growth

## Product Backlog

	<b>Feature</b>	<b>Role</b>	<b>Business Value</b>	<b>User Impact</b>
1.	Create user profile	User	5	5
2.	Login	user	5	5
3.	Send request for match	User	5	5
4.	Confirm match	User	5	5
5.	Cancel match	User	5	5
6.	Send message to match	User	5	5
7.	Verify user profile	User	5	4
8.	Create Personal match criteria	User	4	5
9.	Open user profile	User	4	5
10.	Search in form of filtering	User	4	5
11.	Compatibility Score Display	User	4	5
12.	Personalized Daily Match Suggestions	User	4	5
13.	Feedback and Reporting System for Users	User	4	5
14.	User report handling	Admin	5	4
15.	Create post on profile	User	4	5
16.	Set user preferences	User	4	4
17.	Edit profile	User	4	4
18.	Real time in app translation	User	3	5
19.	Delete user from “friends”	User	3	4

20.	Block user	User	3	4
21.	Social media integration	User	3	4
22.	Behavioral Analytics-Based Matching	User	4	3
23.	Virtual Date Scheduling	User	3	4
24.	Create event	Admin	4	3
25.	Delete user	Admin	5	2
26.	Ice Breaker Games and Questions	User	3	3

## User Stories

### 1. Create User Profile

As a user, I want to create a profile on the dating platform so that I can present myself to potential matches.

#### Acceptance Criteria:

1. User completes the initial registration process by entering Username, Email Address, and Password.
2. Users are required to provide additional details such as Full Name, Age, Gender, Interests, and a description about themselves.
3. The user has the option to upload a profile picture.
4. After entering all necessary information, the user clicks the "Create Profile" button.
5. If the information is valid, the user is taken to their newly created profile page.
6. If the information is not valid, the user is required to correct the data.

### 2. Verify User Profile

As a user, I want to verify my profile to ensure trust and authenticity within the dating app community.

#### Acceptance Criteria:

1. After profile creation, the user is given an option to verify their profile.
2. The user clicks on a "Verify" button to start the verification process.
3. The user is required to upload an ID for age and identity verification.
4. After submission, the user receives a notification upon successful verification.
5. A verified badge is displayed on the user's profile upon successful verification.

### 3. Create Personal Match Criteria

As a user, I want to set personal match criteria to find compatible partners.

#### Acceptance Criteria:

1. User access the "Match Criteria" section in their profile settings.
2. User set criteria based on interests, age range, location, and other personal preferences.
3. User saves the criteria by clicking the "Save" button.
4. The app uses these criteria to suggest potential matches.

### 4. Set User Preferences

As a user, I want to set my preferences in the app for a customized experience.

#### Acceptance Criteria:

1. User accesses the "Preferences" section in the app settings.

2. User can set preferences for notifications, privacy settings, and communication preferences.
3. Changes are saved automatically or by clicking a "Save" button.

## **5. Open User Profile**

As a user, I want to view and access my profile easily.

### **Acceptance Criteria:**

1. User clicks on a profile icon within the app.
2. User's full profile, including bio, interests, and photos, is displayed.
3. User can navigate to different sections of their profile, such as photos, about section, and preferences.

## **6. Send Request for Match**

As a user, I want to be able to send a match request to users I am interested in.

### **Acceptance Criteria:**

1. User browse through potential matches based on their set criteria.
2. After finding a potential match, the user clicks the "Send Request" button on the user's profile.
3. The other user gets a notification of the match request.

## **7. Confirm Match**

As a user, I want to confirm match requests to establish a connection.

### **Acceptance Criteria:**

1. User receives a match request notification.
2. User view the request and can either accept or decline it.
3. If the user accepts, both users are notified, and a match is made.

## **8. Cancel Match**

As a user, I want the option to cancel a match if I'm no longer interested.

### **Acceptance Criteria:**

1. User view their list of current matches.
2. User selects a match and clicks on a "Cancel Match" button.
3. A confirmation window is displayed, and after confirmation, the match is canceled.

## **9. Send Message to Match**

As a user, I want to send messages to my matches to start conversations.

### **Acceptance Criteria:**

1. User navigates to the messaging section within the app.
2. User selects a match from their match list to open a chat window.
3. User types a message and sends it by clicking the "Send" button.
4. The message appears in the chat window, and the match receives a notification.

## **10. Delete User from 'Friends'**

As a user, I want to remove someone from my 'friends' list when I no longer want to be connected.

### **Acceptance Criteria:**

1. User navigate to their 'friends' list.
2. User selects a friend they want to remove and clicks the "Delete" or "Remove Friend" button.
3. A confirmation window appears, and after confirmation, the user is removed from the 'friends' list.

## **11. Block User**

As a user, I want to block another user for personal reasons, preventing them from contacting me.

### **Acceptance Criteria:**

1. User navigates to the profile of the user they wish to block.
2. User clicks the "Block User" button.
3. A confirmation window appears, and after confirmation, the user is blocked.
4. Blocked users cannot view the blocker's profile or send messages.

## **12. Edit Profile**

As a user, I want to edit my profile to keep it updated with my latest information.

### **Acceptance Criteria:**

1. User navigates to their profile and clicks the "Edit Profile" button.
2. User can edit details such as Bio, Interests, Profile Picture, etc.
3. Changes are saved by clicking the "Save" button.
4. The updated profile is immediately reflected on the user's page.

## **13. Search in the Form of Filtering**

As a user, I want to filter search results to find matches that better align with my preferences.

### **Acceptance Criteria:**

1. User accesses the search feature in the app.
2. Users apply filters such as age range, interests, location, etc.
3. The app displays the results that match the applied filters.

## **14. Connection Notification**

As a user, I want to receive notifications when I have a new connection or message.

### **Acceptance Criteria:**

1. Users receive real-time notifications when they get a new match, message, or friend request.
2. Notifications appear in the notification section.
3. User can click on the notification to be directly taken to the relevant section in the app.

## **15. Social Media Integration**

As a user, I want to integrate my social media profiles with my dating app profile for easier sharing and credibility.

### **Acceptance Criteria:**

1. User can link their social media accounts (like Facebook, Instagram) through the app settings.
2. User can choose which information to import from their social media profiles.
3. Imported information can be used to enhance the user's dating profile.

## **16. Behavioral Analytics-Based Matching**

As a user, I want the app to use behavioral analytics to suggest matches that are more likely to be compatible.

### **Acceptance Criteria:**

1. The app collects data on user preferences and behaviors within the app.
2. The app uses this data to suggest potential matches based on compatibility.
3. Users receive these suggestions periodically based on their app usage and preferences.

## **17. Virtual Date Scheduling**

As a user, I want to schedule virtual dates with matches directly through the app.

### **Acceptance Criteria:**

1. Users can propose a virtual date to a match using an in-app scheduling feature.
2. The match can accept, decline, or suggest a different time.
3. The app sends reminders and enables a virtual meeting platform for the date.

## **18. Compatibility Score Display**

As a user, I want to see a compatibility score with my matches to gauge our potential compatibility.

### **Acceptance Criteria:**

1. The app calculates a compatibility score based on profile details and user preferences.
2. This score is displayed on the profiles of potential matches.
3. The score helps users in making informed decisions about pursuing a match.

## **19. Personalized Daily Match Suggestions**

As a user, I want to receive daily match suggestions that are tailored to my preferences.

### **Acceptance Criteria:**

1. The app analyzes the user's preferences and past interactions.
2. Based on this analysis, the app provides a set of personalized match suggestions daily.
3. The user can review these suggestions and choose to connect or ignore them.

## **20. Ice Breaker Games and Questions**

As a user, I want access to ice breaker games and questions to make initial conversations easier.

### **Acceptance Criteria:**

1. The app provides a variety of ice breaker questions and interactive games.
2. Users can use these features to initiate conversations with their matches.
3. These games are designed to be engaging and meaningful.

## **21. User Profile Verification**

As an admin, I want to verify user profiles to ensure authenticity and safety within the app.

### **Acceptance Criteria:**

1. Admins can review submitted documents or information for profile verification.
2. Admins have the authority to approve or reject verification requests.
3. Verified profiles are marked with a badge to indicate their authenticity.

## **22. Feedback and Reporting System for Users**

As a user, I want to report a bug or issue I encounter in the app to ensure a smooth user experience.

### **Acceptance Criteria:**

1. User can access a "Report Issue" or "Feedback" option in the app settings or help section.

2. User can describe the issue or provide feedback and submit the report.
3. User receives a confirmation message that their report has been received.

## **23. User Report Handling**

As an admin, I want to efficiently handle and address reports and feedback submitted by users.

### **Acceptance Criteria:**

1. Admin receives notifications of new user reports or feedback.
2. Admin can review, categorize, and prioritize these reports.
3. Admin can take action on reports and provide feedback or solutions to the user.

## **24. Delete User**

As an admin, I want the ability to delete a user's account when necessary for following app policies.

### **Acceptance Criteria:**

1. Admin can search for and select a user profile in the admin panel.
2. Admin has the option to delete the user's account.
3. A confirmation prompt ensures this action is intentional, and upon confirmation, the account is deleted.

## **25. Create Event**

As an admin, I want to create events, news, or posts to display on the dashboard or homepage for user engagement.

### **Acceptance Criteria:**

1. Admin accesses an event creation tool on the admin dashboard.
2. Admin can create content for events, news, or posts, including text, images, and links.
3. Once the content is created and published, it appears on the user's dashboard or homepage.

## **26. Real-Time In-App Translation**

As a user, I want real-time translation in the app to communicate with matches who speak different languages.

### **Acceptance Criteria:**

1. User can enable the translation feature on the dashboard or in conversation.
2. Messages are automatically translated to the user's preferred language.
3. The feature supports multiple languages, enabling easier communication between users from different backgrounds.

## **27. Create Post on Profile**

As a user, I want to post updates or thoughts on my profile for my matches to see.

### **Acceptance Criteria:**

1. Users can access a "Create Post" feature on their dashboard.
2. User can write text, add images or links to their post.
3. Once the post is published, it is visible on the user's profile to their matches.

## Estimation

Product backlog items for the MeetMe web page are assessed based on their implementation complexity, using the Fibonacci sequence as an indicator. The feature Compatibility Score Display a complexity rating of 5, serves as a reference story. Other tasks are evaluated by comparing them to this reference, determining whether their complexity is lower or higher on the scale.

<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>13</b>
Send request for match	Create personal match criteria	Create user profile	User report handling	Send message to match	Personalized Daily Match Suggestions
Confirm match	Create post on profile	Verify user profile	Combability score display	Search in form of filtering	
Cancel match	Set user preferences	Feedback and Reporting System for Users		Behavioral Analytics-Based Matching	
Open user profile	Edit profile	Set user preferences		Ice Breaker Games and Questions	
Delete user from “friends”	Real time in app translation	Virtual Date Scheduling			
Block user	Crete event				
Social media integration	Registration				
Delete user	Log in				

## Wireframes

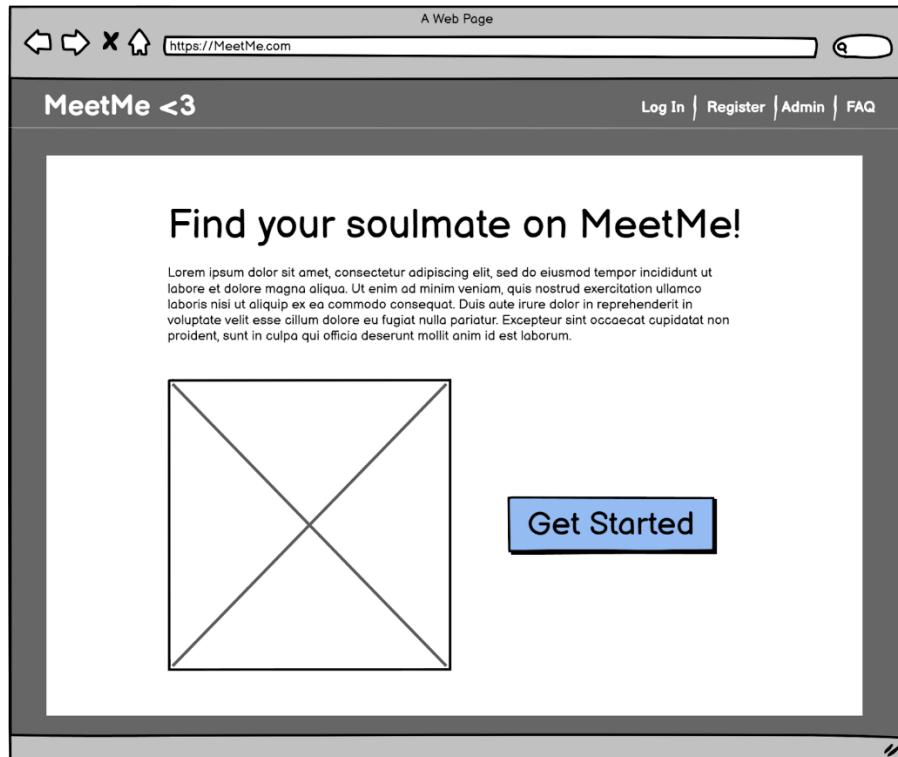


Figure 1: Landing Page

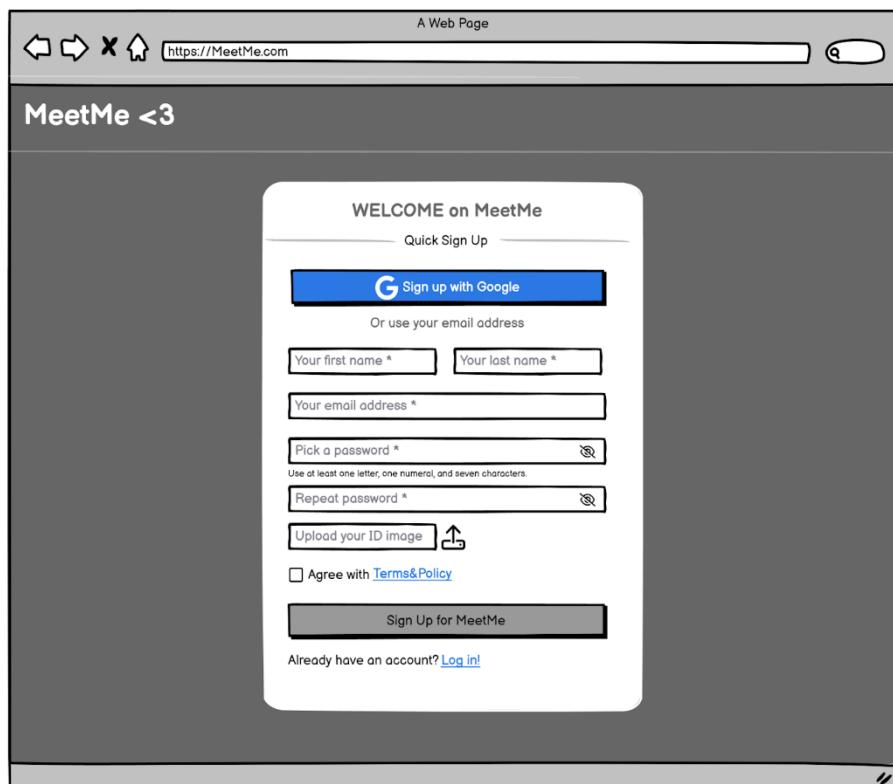
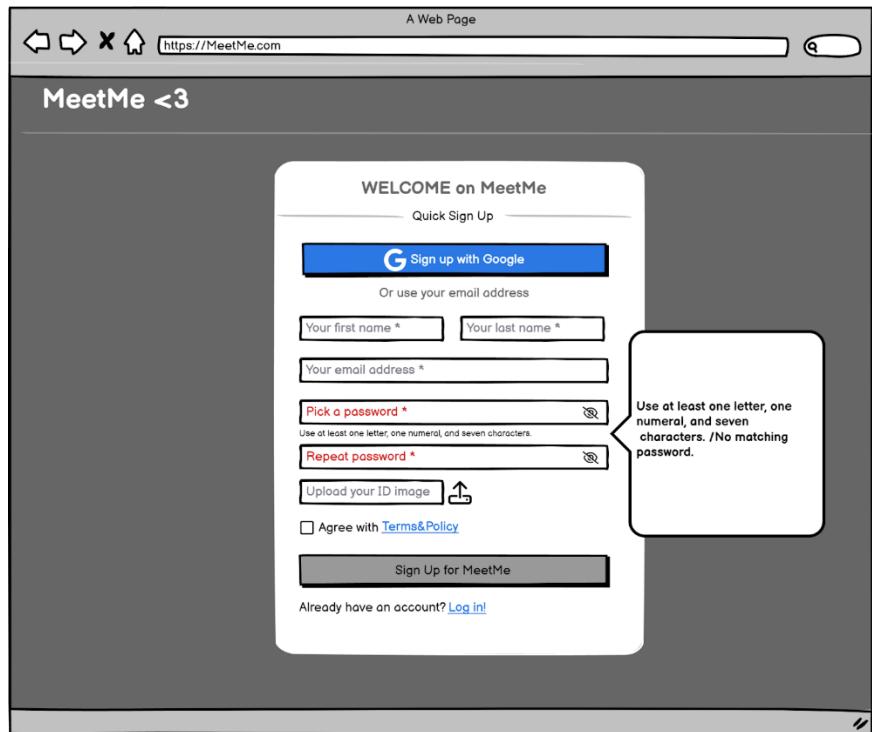
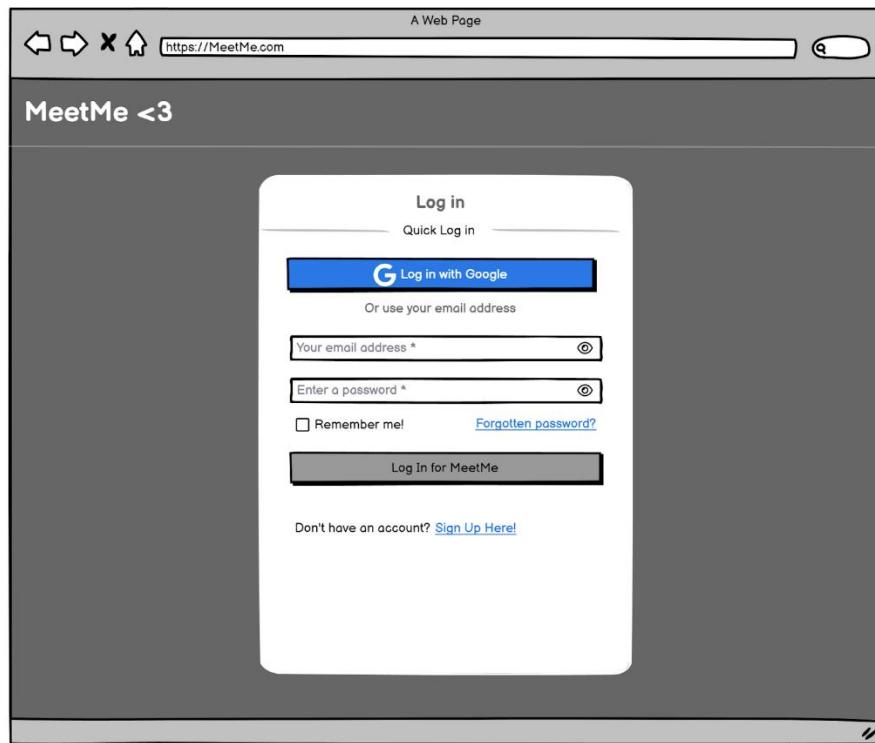


Figure 2: Registration Screen



**Figure 3: Registration Screen Failed**



**Figure 4: Login Screen**

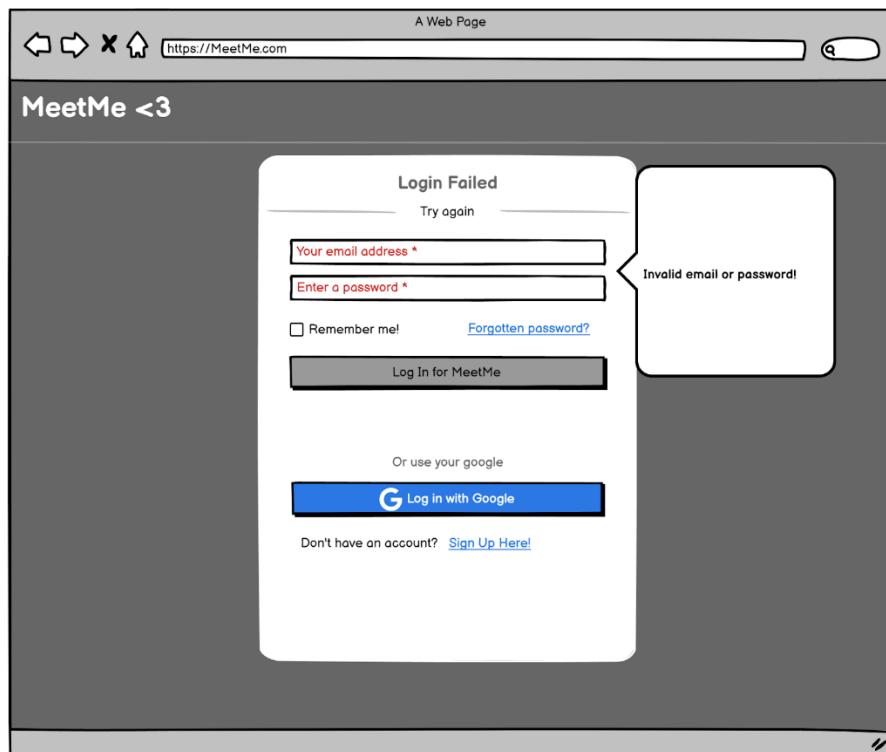


Figure 5: Login Screen Failed

A screenshot of a web browser window titled "A Web Page" with the URL "https://MeetMe.com". The main content area is titled "MeetMe <3". At the top right are icons for a profile picture, a message, a notification, and "Log Out". On the left, there is a placeholder for a profile picture with a large "X" and an "Upload" arrow. Below it is a box labeled "About me". The main form is titled "Set your profile:". It includes fields for "Full name:" (Name and Surname), "Birth date:" (text input "XYXXXXXY" and dropdown "Select"), "Gender:" (dropdown "Select"), "Sexual Orientation:" (dropdown "Select"), "Location (City, State):" (dropdown "Select"), "Interests, hobbies, and passions:" (list "Hobby One", "Hobby Two", "Item Three"), "Ideal Partner Description:" (list "Item One", "Item Two", "Item Three"), and "Add social media:" (links for Facebook and Twitter). A "Continue -->" button is at the bottom right.

Figure 6: Profile Setting Screen

A Web Page  
https://MeetMe.com

MeetMe <3 Create Personal match criteria / Set user preferences Log Out

**Set matching criteria:**

Age Range: Specify the age range of potential matches.

18-25 25-35 35-45 45-55 55-65 65+

Location Preferences:

within 20 miles of my location within 60 miles of their location doesn't matter

Education:

high school college graduate doesn't matter

Relationship Goals:

casual dating serious relationship marriage

**Add preferences:**

Enter some preferences

Suggested:

Pets  outgoing  
 vegetarian  Kids  
 Frequent traveler  Active and fitness-focused  
 Tennis player

**Save**

This figure shows a screenshot of the MeetMe website's 'Set matching criteria' screen. At the top, there are standard browser navigation buttons and a URL bar showing 'https://MeetMe.com'. The main header reads 'MeetMe <3' and 'Create Personal match criteria / Set user preferences'. On the right side, there are icons for a profile picture, a message bubble, a bell, and a 'Log Out' link. The page is divided into two main sections: 'Set matching criteria:' and 'Add preferences:'. The 'Set matching criteria:' section contains four horizontal sliders for specifying age range, location preferences, education level, and relationship goals. The 'Add preferences:' section includes a search bar, a list of suggested preferences (with some checked), and a 'Save' button at the bottom right.

Figure 7: Setting Matching Criteria Screen

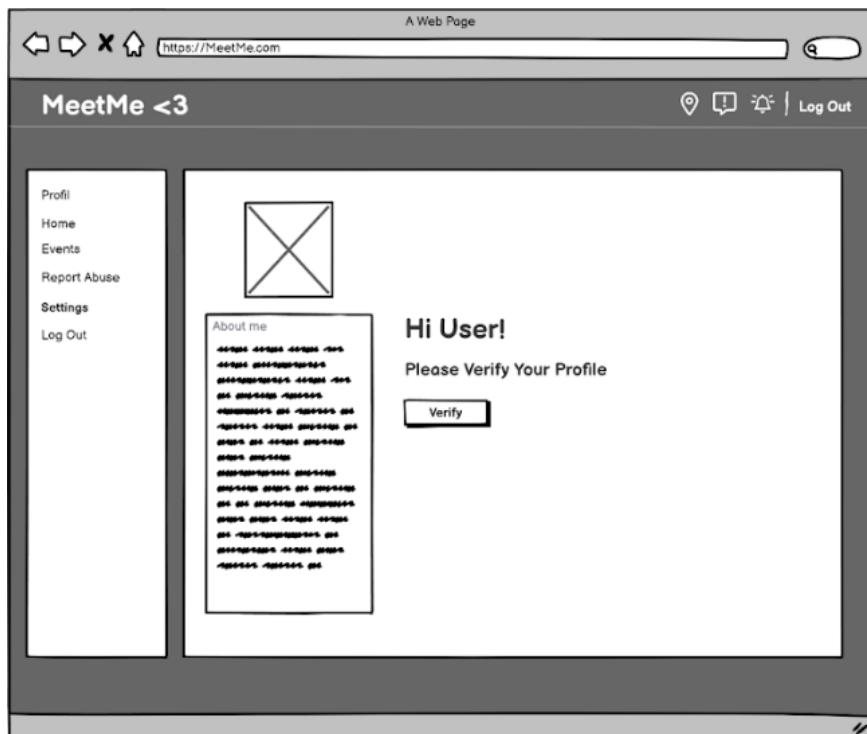


Figure 8: Verification Screen

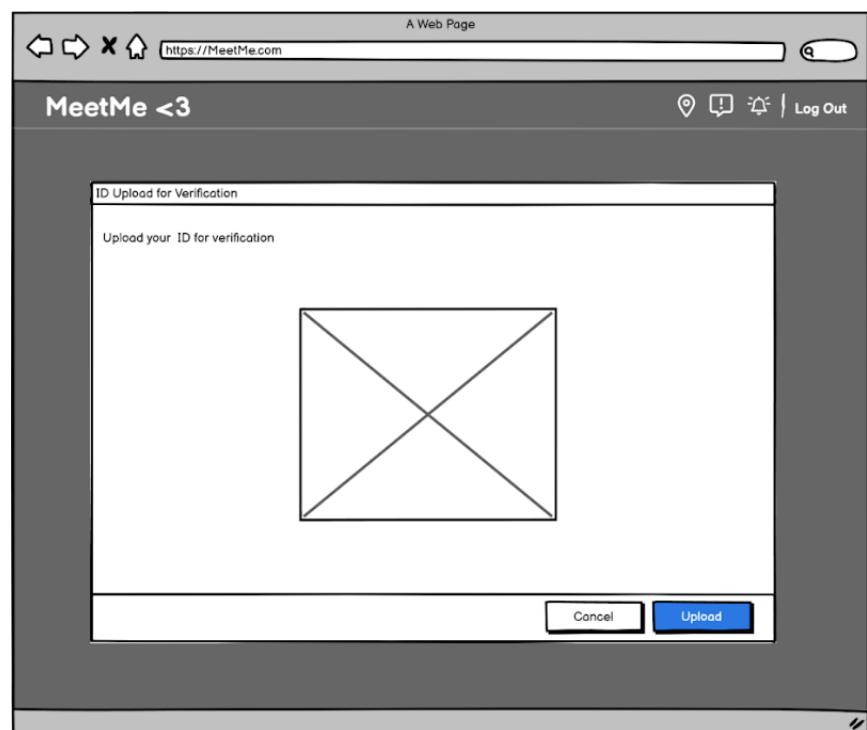


Figure 9: Document Uploading Screen

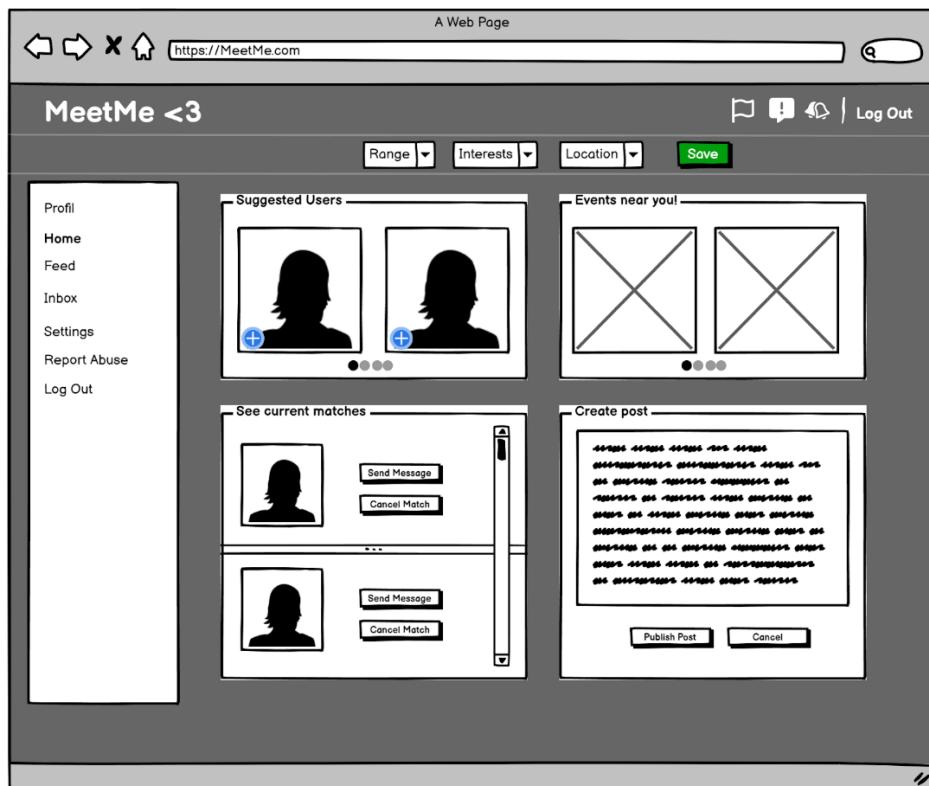


Figure 10: User Dashboard Screen

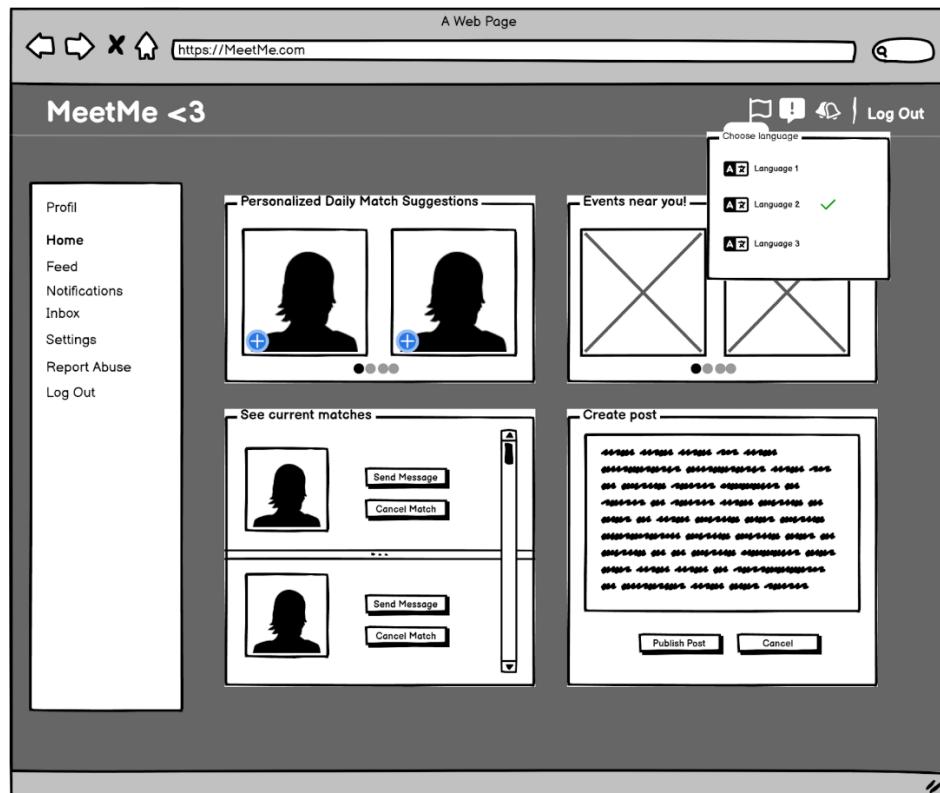


Figure 11: Choose Language Popup Screen

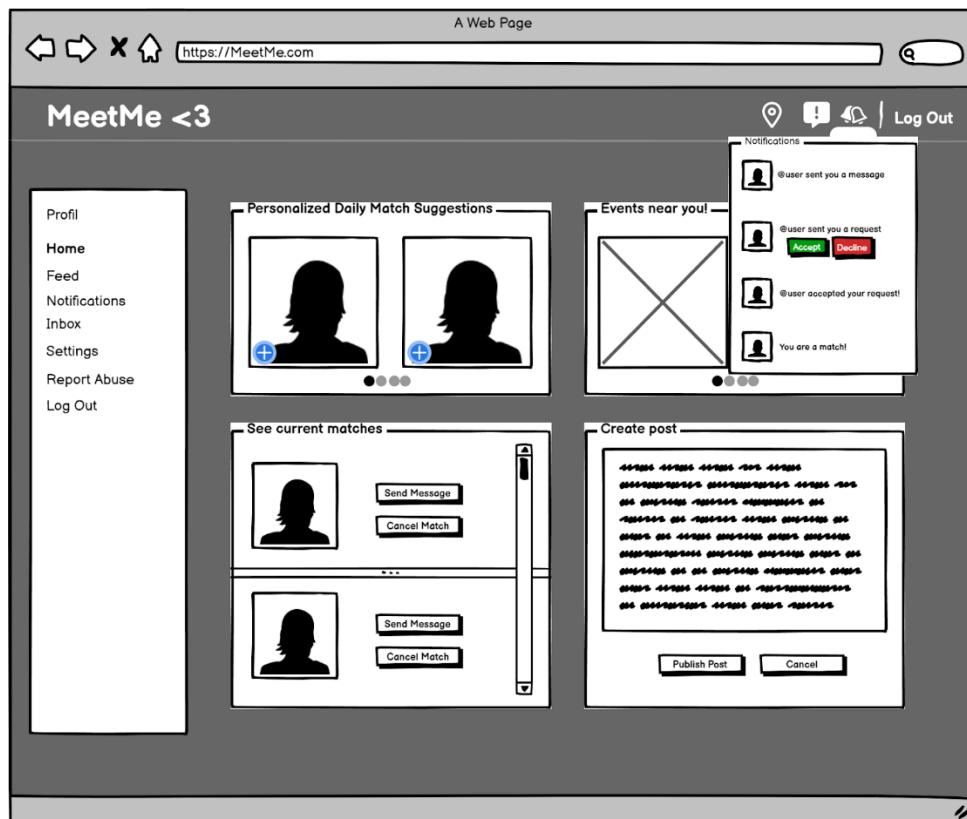


Figure 12: Notification Popup Screen

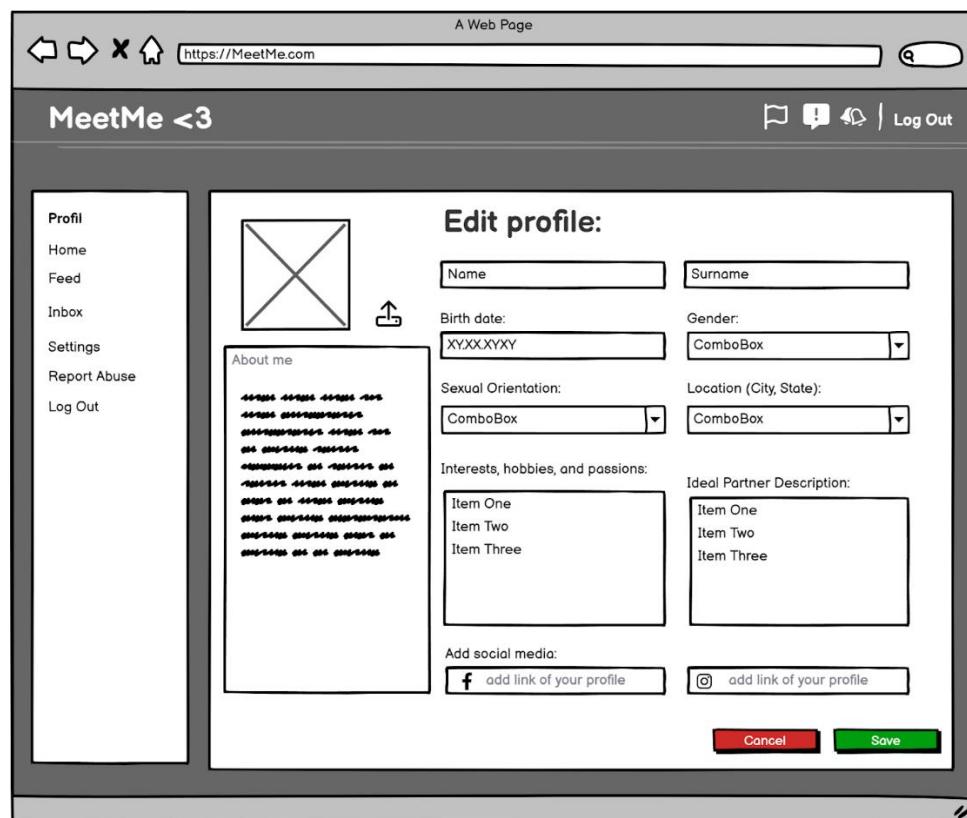


Figure 13: Profile Edit Screen

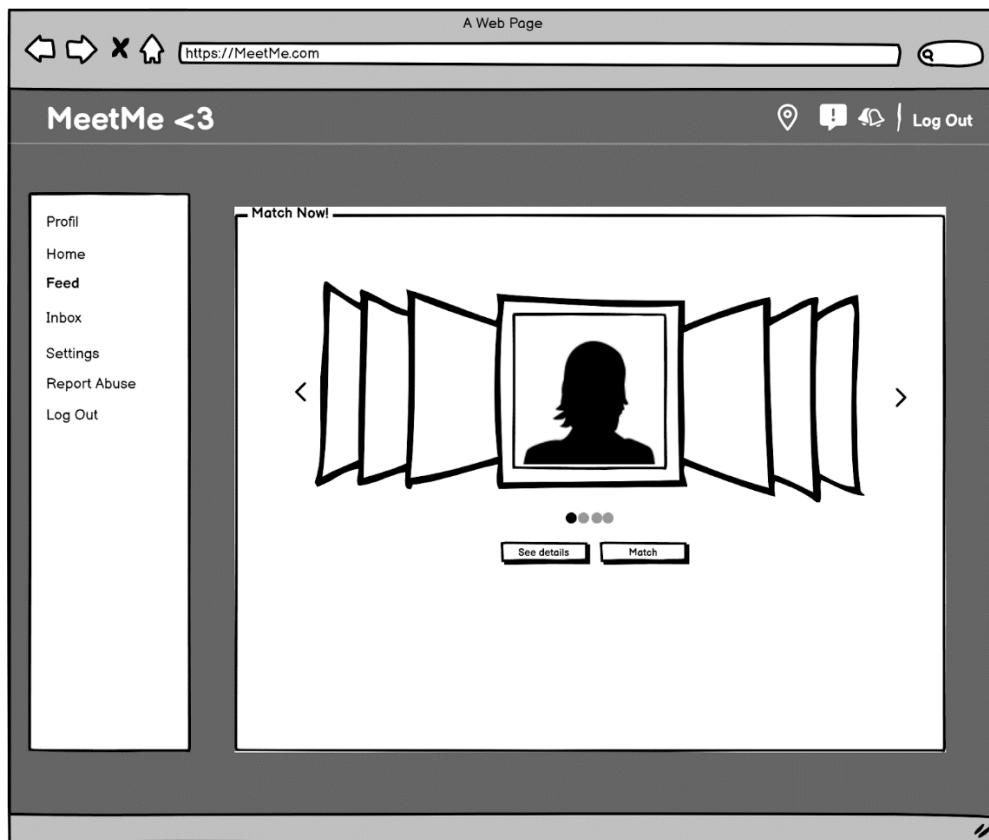


Figure 14: User Feed Screen

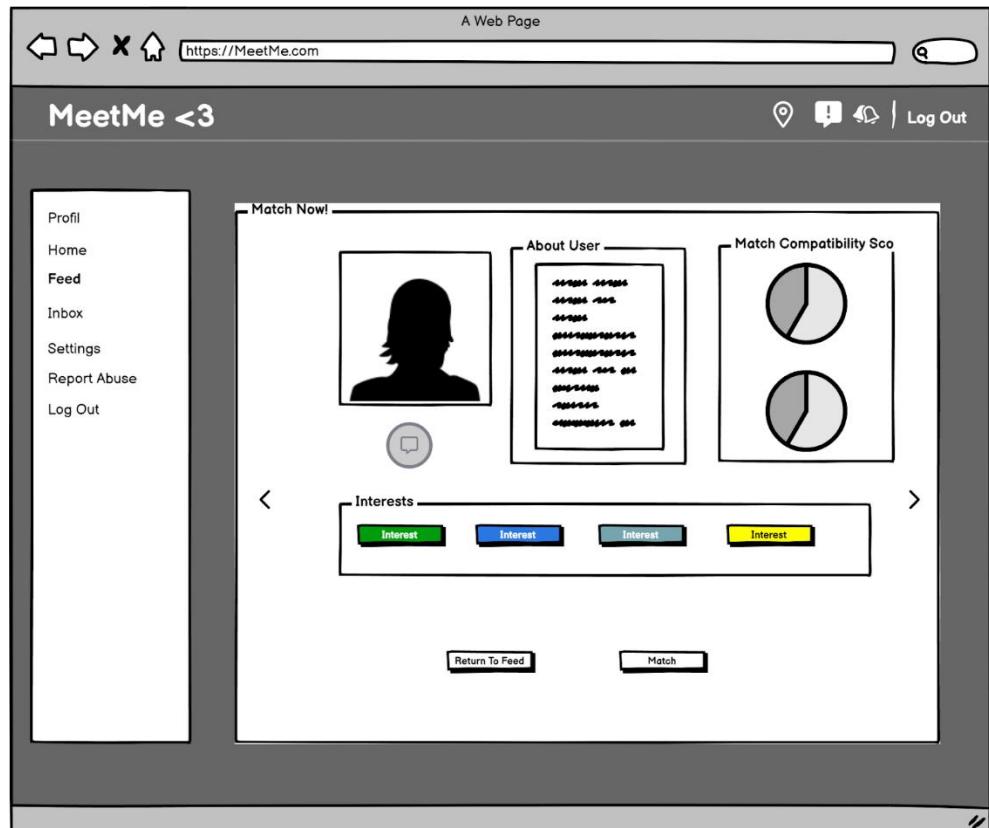


Figure 15: Unmatched User Profile Preview

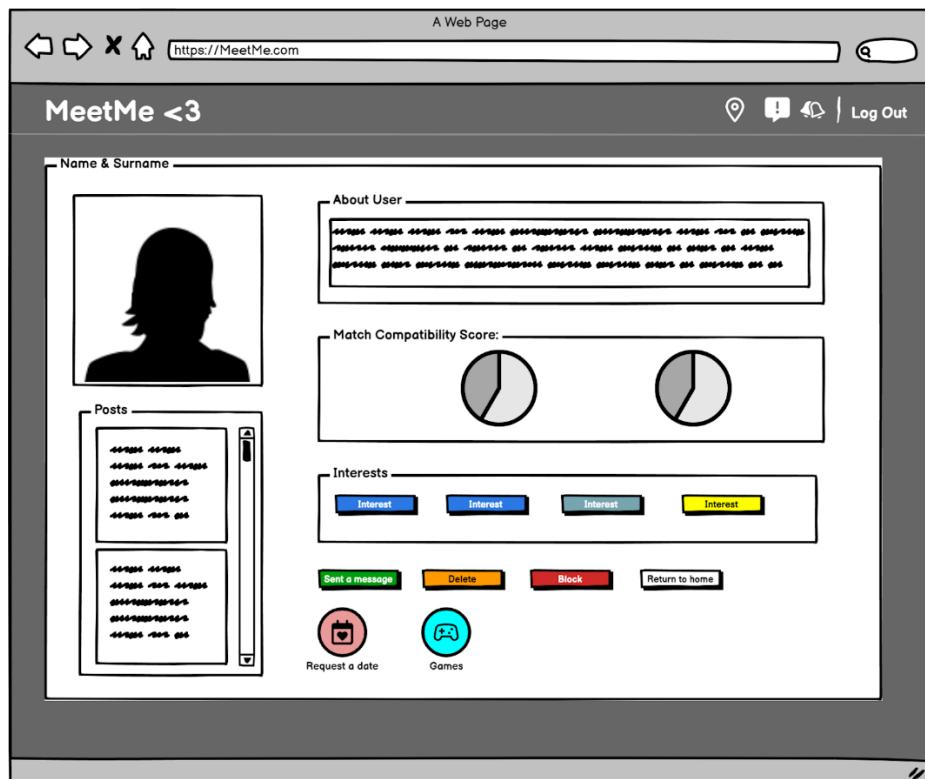


Figure 16: Matched User Profile Preview



Figure 17: Ice Breaker Games & Questions

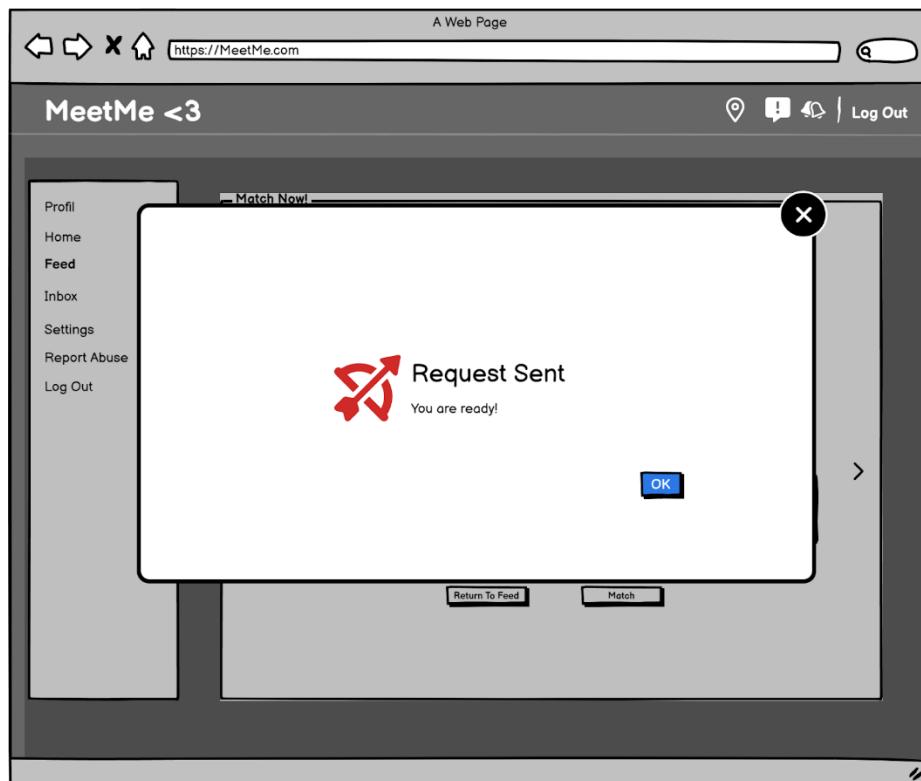


Figure 18: Sent Request Confirmation Screen

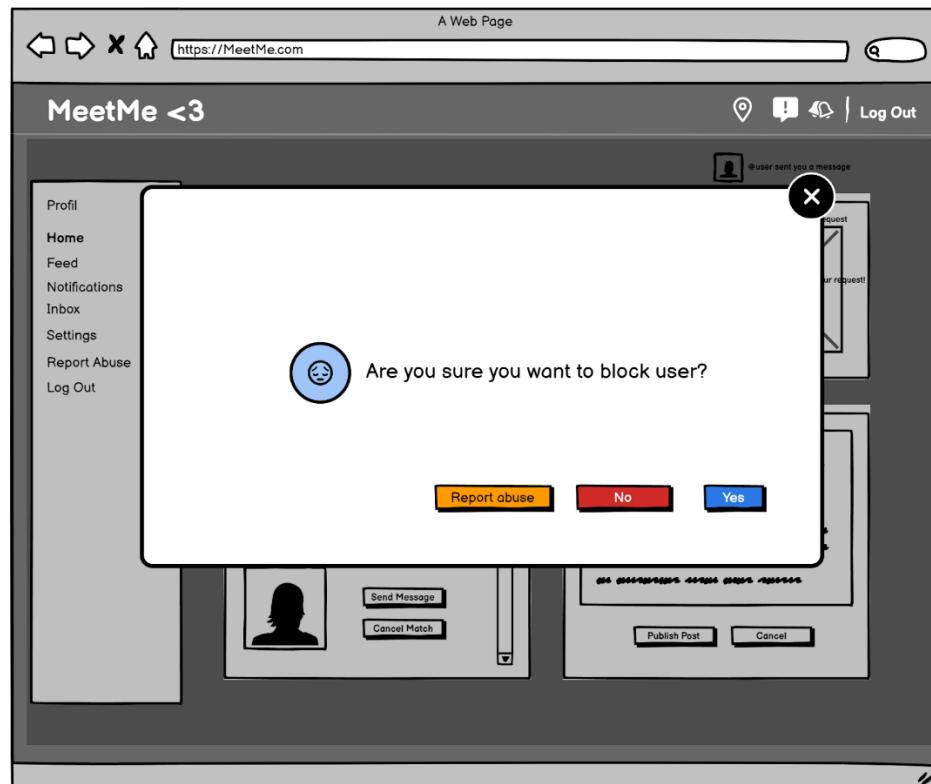


Figure 19: Block User Confirmation Screen

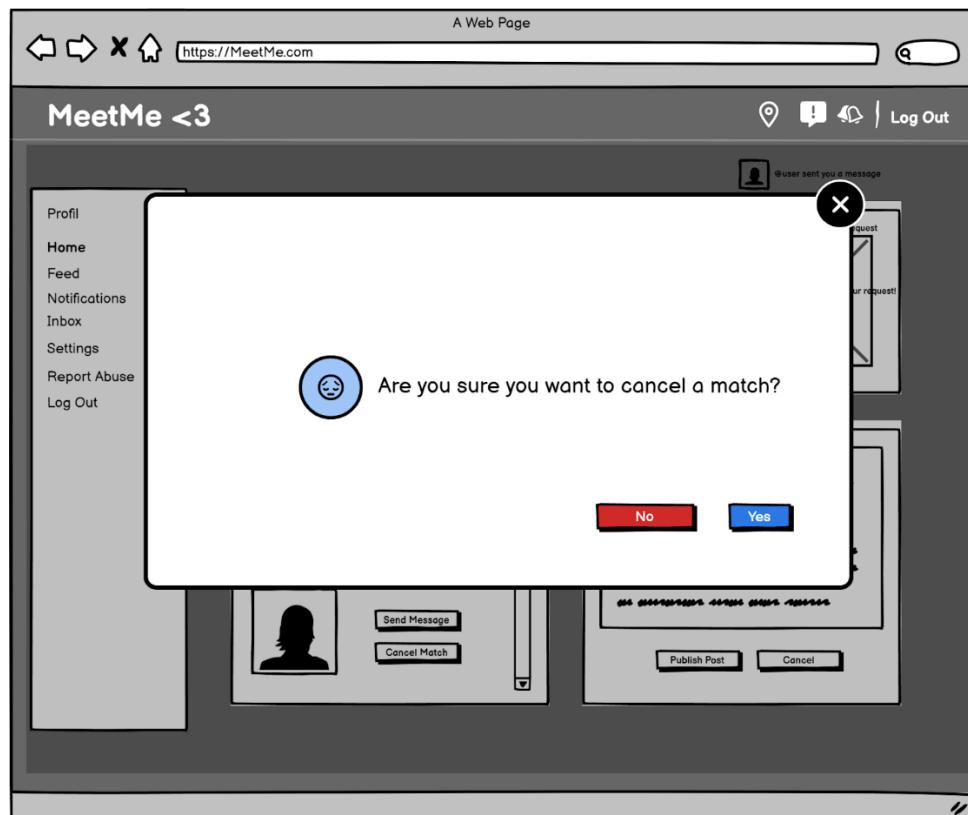


Figure 20: Cancel Match Confirmation Screen

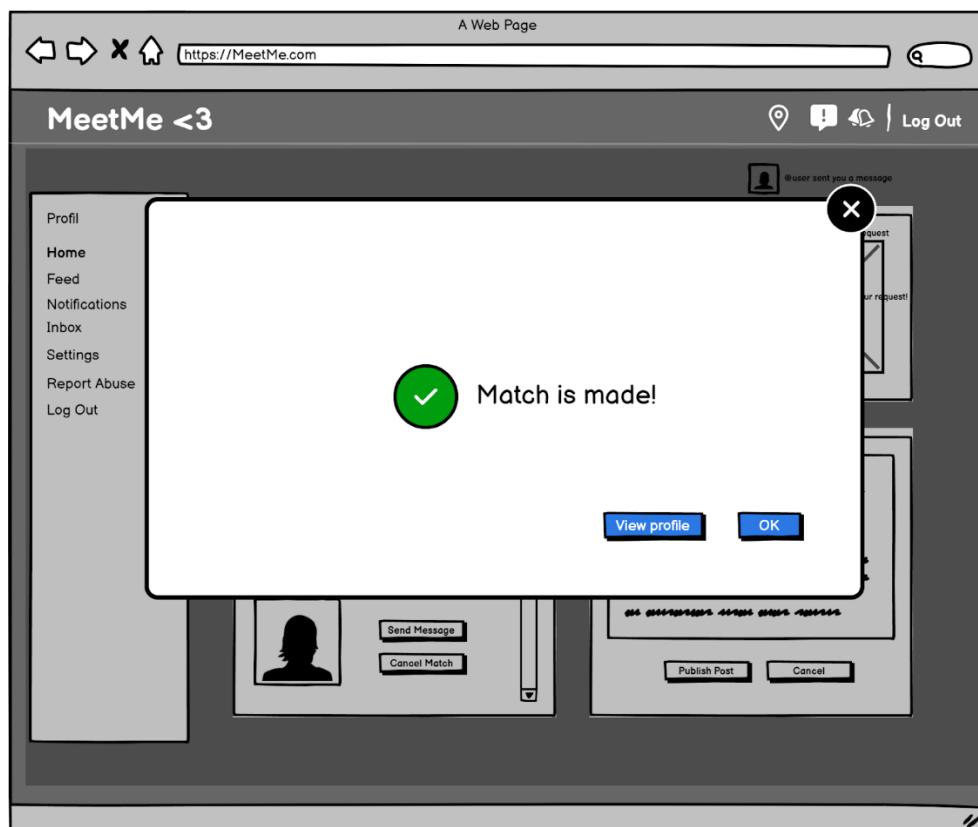


Figure 21: Match Confirmation Screen

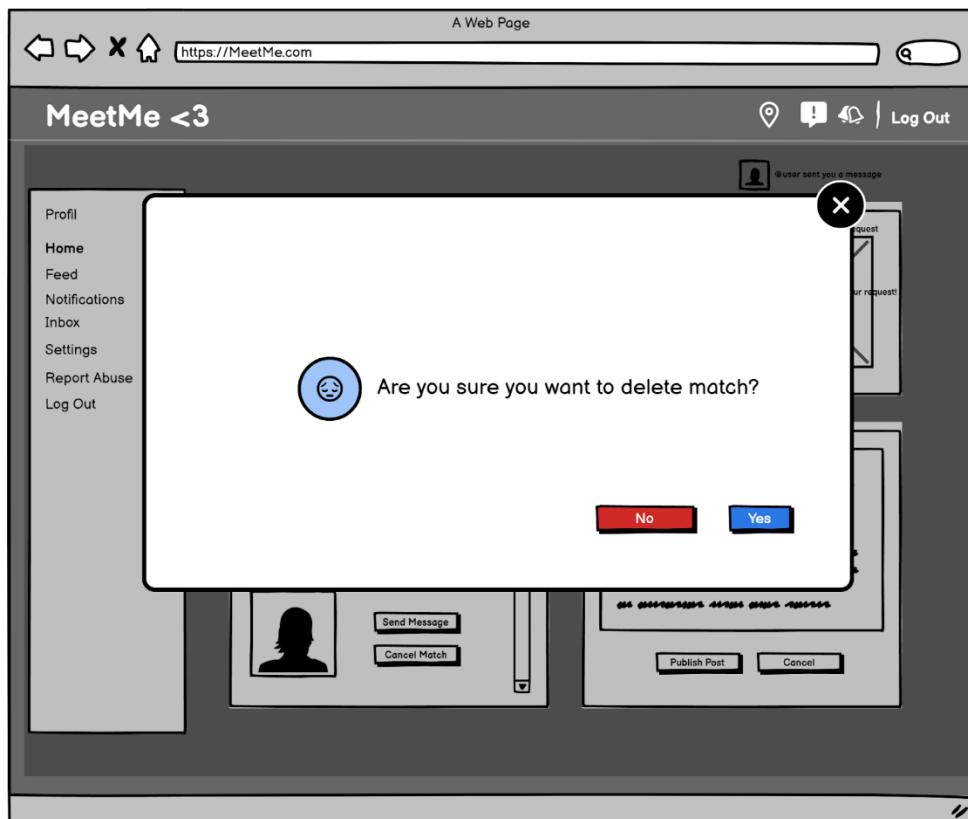


Figure 22: Delete Match Confirmation Screen

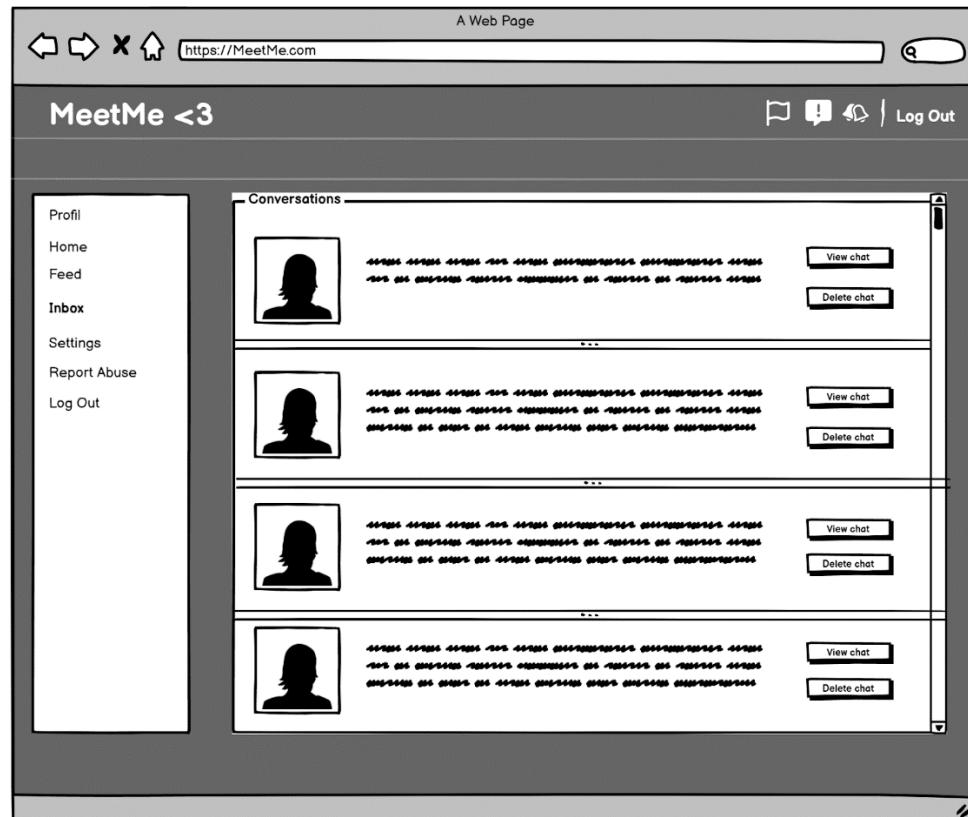


Figure 23: Inbox Screen

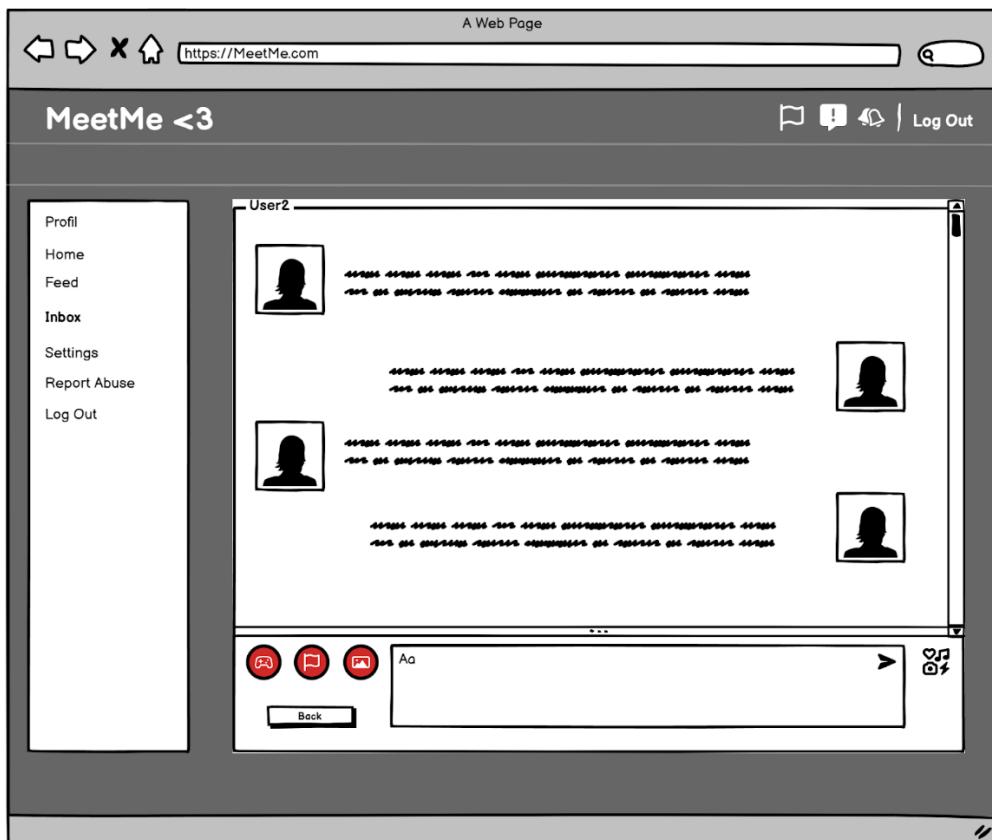


Figure 24: Chat Screen

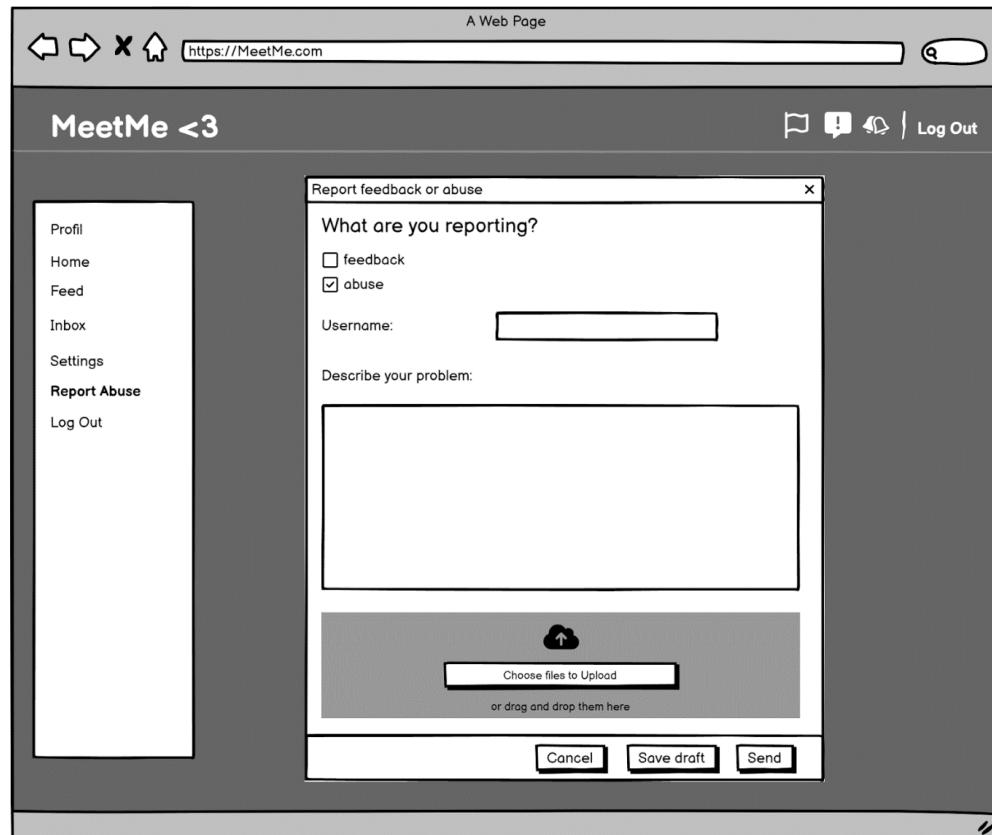


Figure 25: Feedback and Abuse Reporting Screen

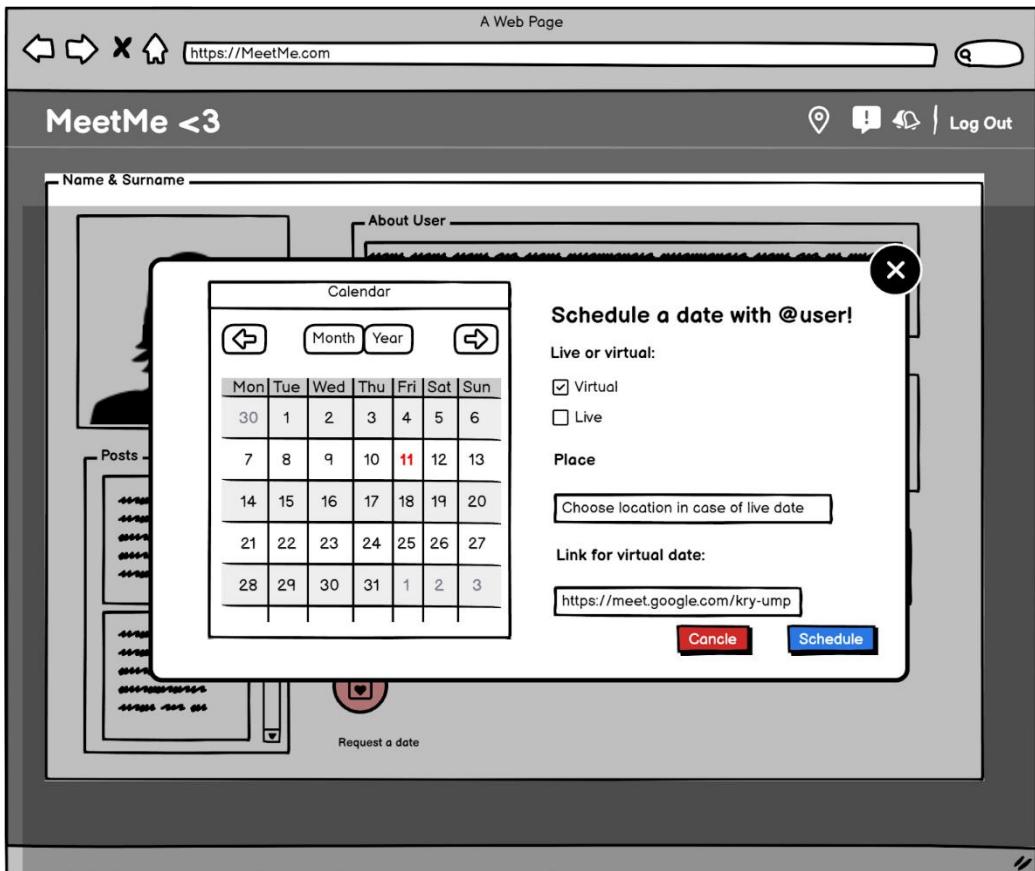


Figure 26: Scheduling Date Via Platform Screen

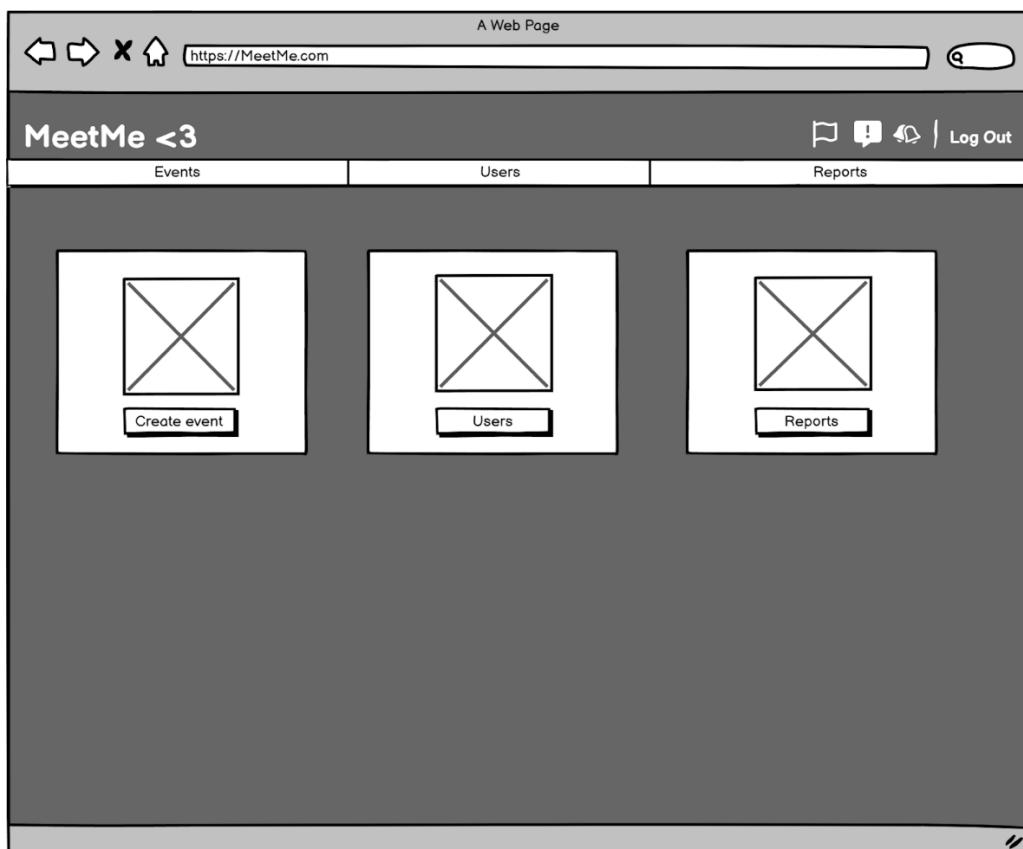


Figure 27: Admin Dashboard

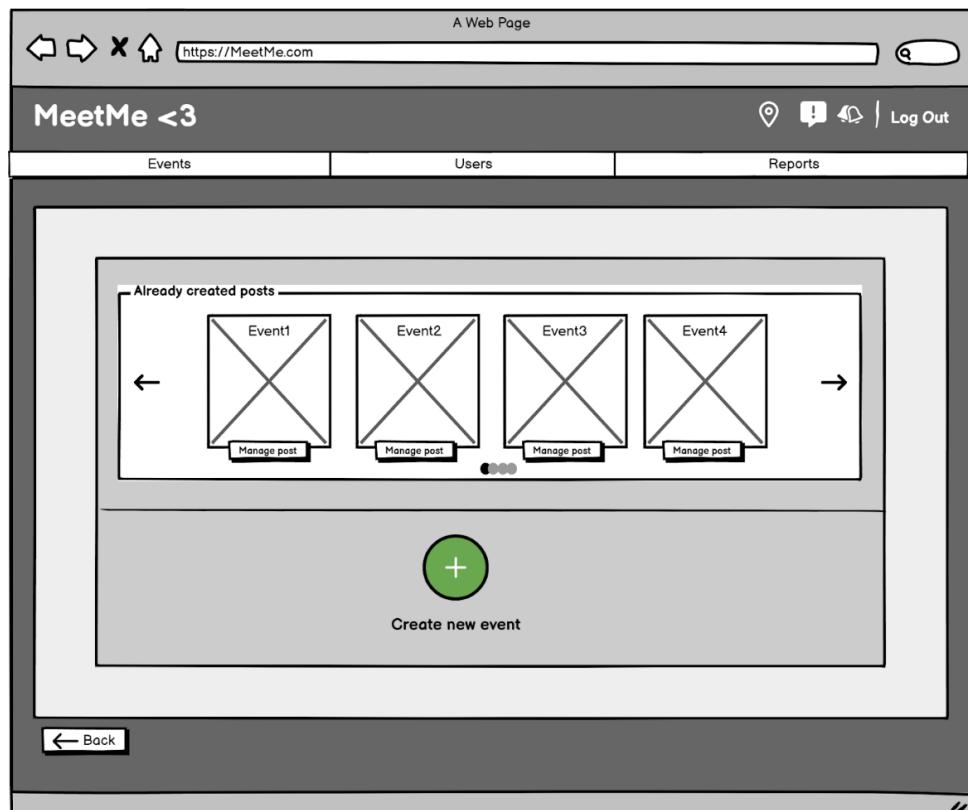


Figure 28: Create New Event Screen

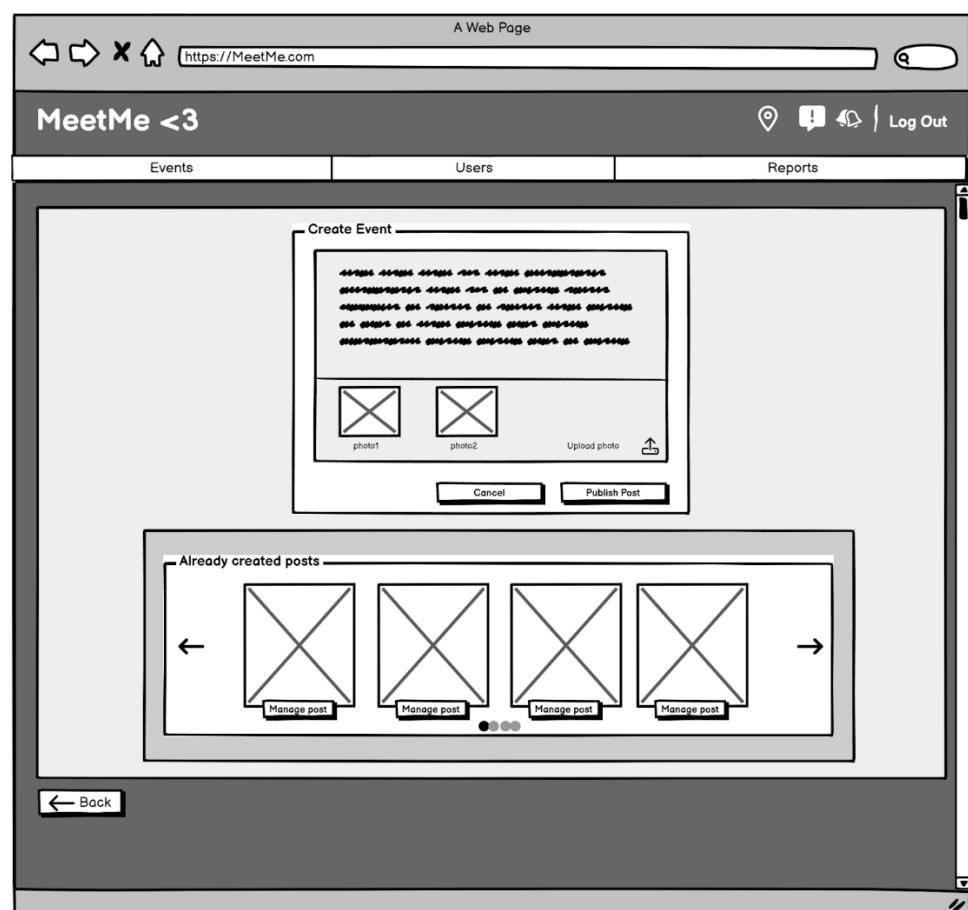


Figure 29: Add New Event Screen

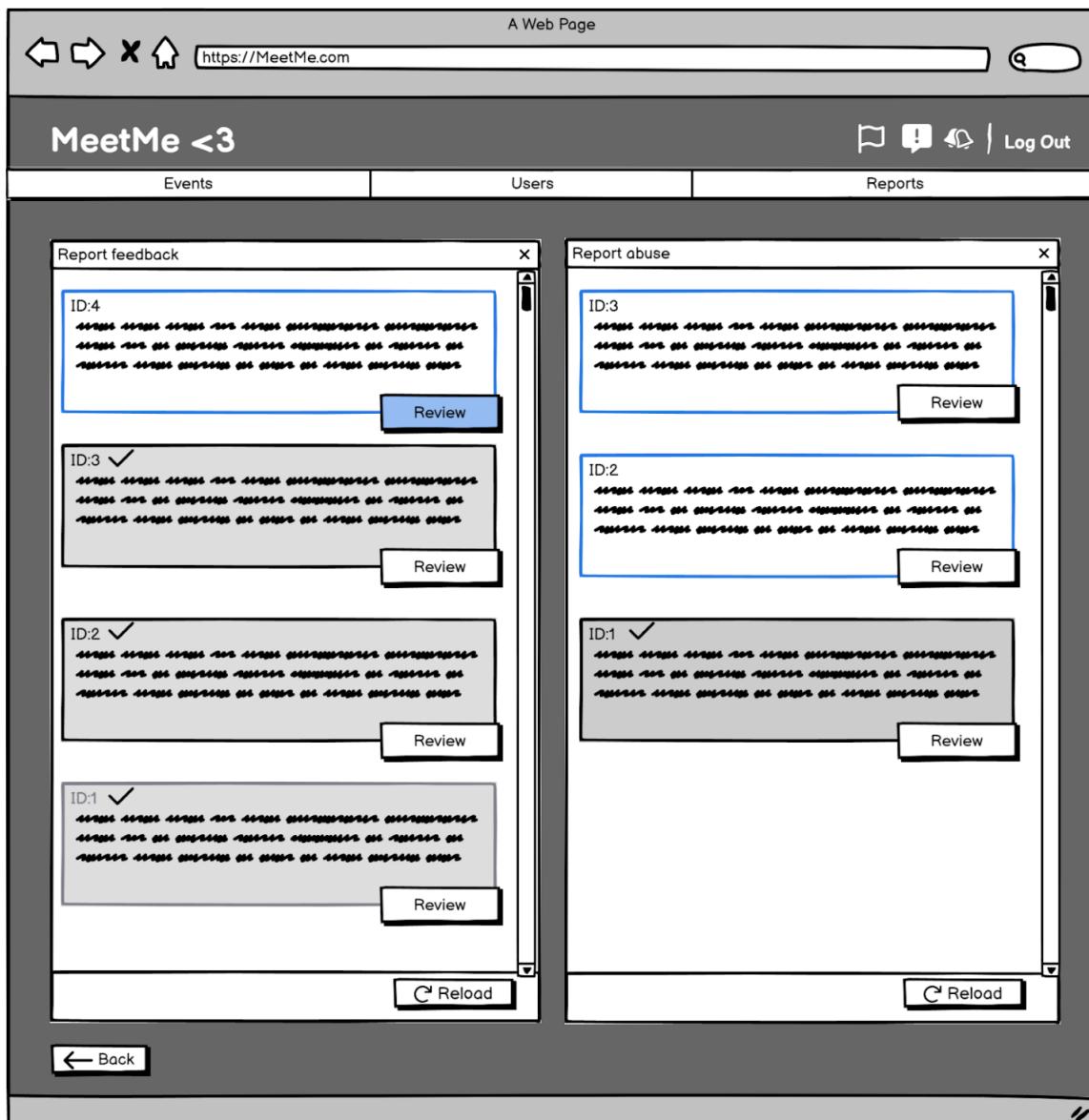


Figure 30: Admin reports screen

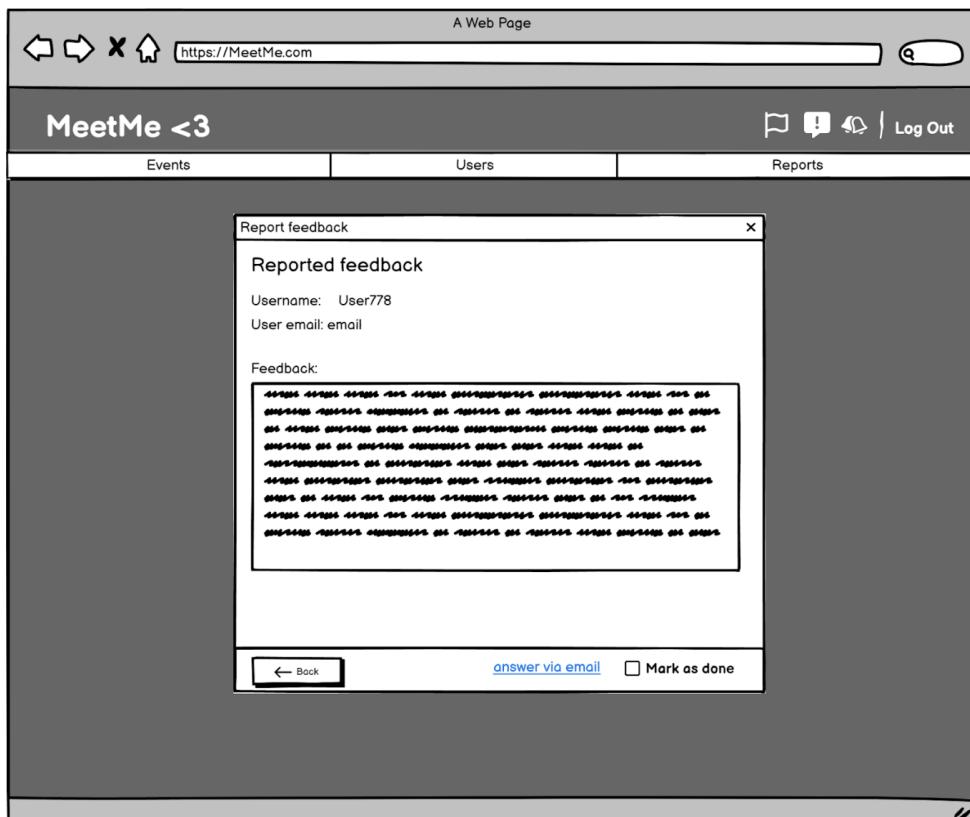


Figure 31: Admin reports handling screen

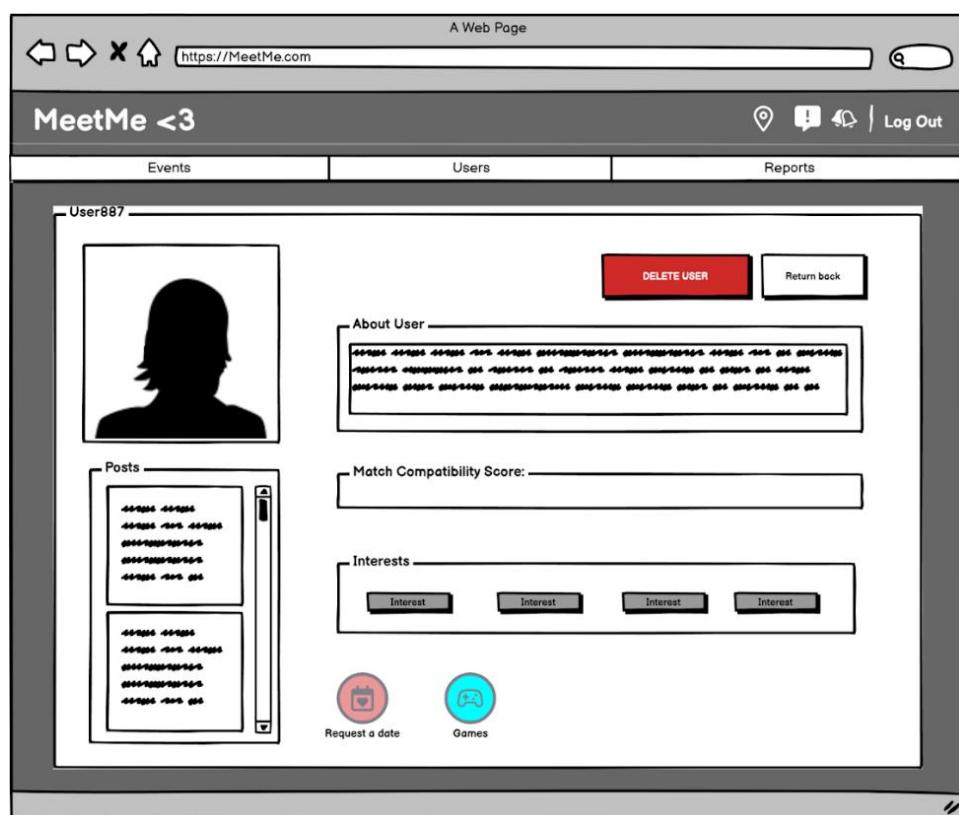


Figure 32: User deleting screen

A screenshot of a web browser window titled "MeetMe <3". The URL in the address bar is <https://MeetMe.com>. The page header includes a "Log Out" button and navigation links for "Events", "Users", and "Reports". A search bar at the top right contains the placeholder text "search for user". Below the search bar, a section titled "All users:" displays a table with the following data:

Name	Age	ID	Verify
Giacomo Guilizzoni Founder & CEO	40	1	<input checked="" type="radio"/>
Marco Botton Tuttofare	38	2	<input checked="" type="checkbox"/>
Mariah MacLachlan Better Half	41	3	<input type="checkbox"/>
Valerie Liberty Head Chef	19	4	<input checked="" type="checkbox"/>
Mariah MacLachlan Better Half	41	3	<input type="checkbox"/>
Valerie Liberty Head Chef	19	4	<input checked="" type="checkbox"/>

Figure 33: Admin-users screen

A screenshot of a web browser window titled "MeetMe <3". The URL in the address bar is <https://MeetMe.com>. The page header includes a "Log Out" button and navigation links for "Events", "Users", and "Reports". A section titled "Create Event" contains the following form fields:

- Title of the event
- Location
- Date and time
- Upload photo (with a file icon)

Below the form, a section titled "Already created posts" shows four thumbnail images, each with a "Manage post" button below it. Navigation arrows are present on either side of the thumbnails.

Figure 34: Create New Event Screen