

Role:

Developer 1

Developer 2

QA

**Project manager**

Product owner

Name:

Ivaylo Nichev

Ester Faris

Georgi Atanasov

**Valentin Iliev**

Yordan Mitrev

# Used methods and products

- Kanban

Kanban is a lean method to manage and improve work across human systems.

- Jira

Jira is a proprietary product developed by Atlassian that allows bug tracking, issue tracking and agile project management.

# Kanban board

Projects / Codect

CDCT board



Invite

Epic ▾

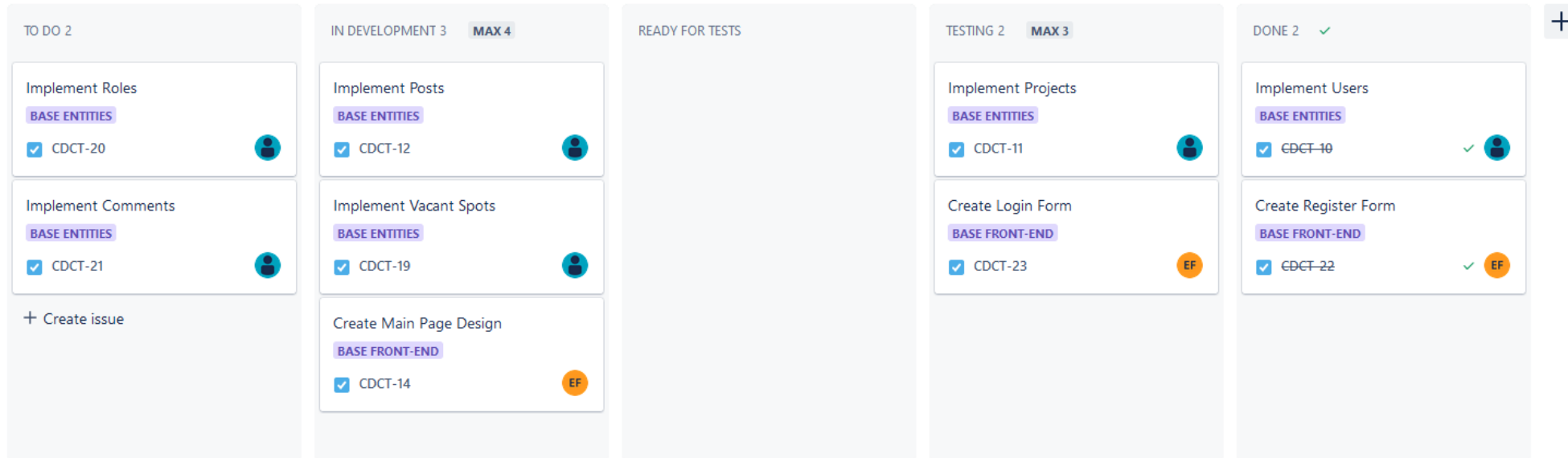
GROUP BY

None ▾

Import work

Insights

View settings



# Tasks

## Implement Users



Done ▾

✓ Done

⚡ Actions ▾

### Description

Add a description...

#### Pinned fields

Click on the 📌 next to a field label to start pinning.

#### Details

Assignee



ИВАЙЛО НИЧЕВ

[Assign to me](#)

Tester



stu2001321025

Labels

None

Parent **NEW**



CDCT-24 Base Entities

## Create Main Page Design



In Development ▾

⚡ Actions ▾

### Description

The main page should display hot(likes/hours) posts connected to the user from the last week.

#### Pinned fields

Click on the 📌 next to a field label to start pinning.

#### Details

Assignee



Ester Faris

[Assign to me](#)

Tester

None

Labels

None

Parent **NEW**













CDCT-25 Base Front-End

# User stories

▼ Backlog (5 issues)

5 0 0

 CDCT-16 As a user I want to be able to make a post and comment under one	TO DO ▼	
 CDCT-17 As a Owner/Co-Owner/Administrator I want to be able to make a post c...	TO DO ▼	
 CDCT-18 As a user I want to be able to add other users as friends in the app	TO DO ▼	
 CDCT-26 As an Owner/Co-Owner/Administrator I want to be able to add people i...	TO DO ▼	
 CDCT-27 As a user I want to be able to search for projects and apply for them	TO DO ▼	

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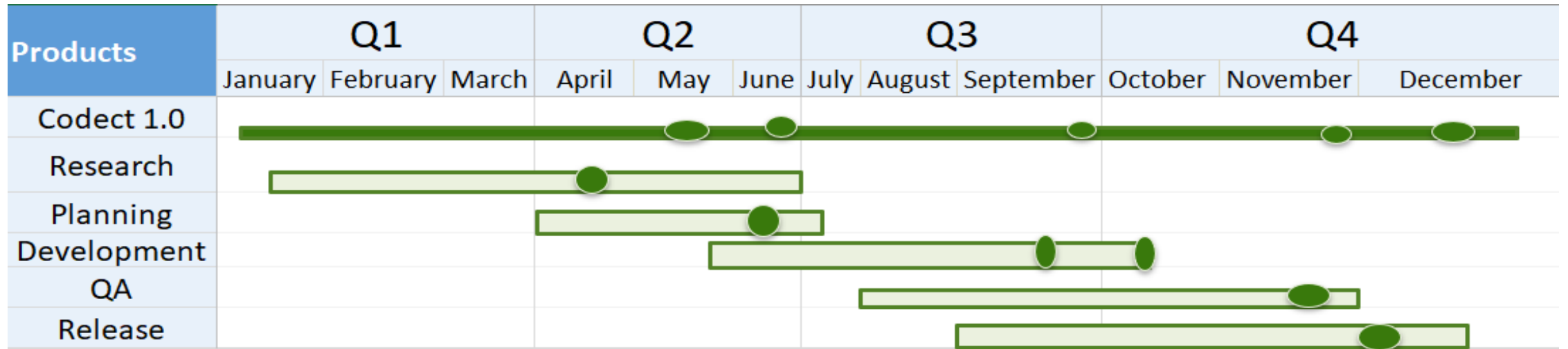
Ester Faris

Georgi Atanasov

Valentin Iliev

**Yordan Mitrev**

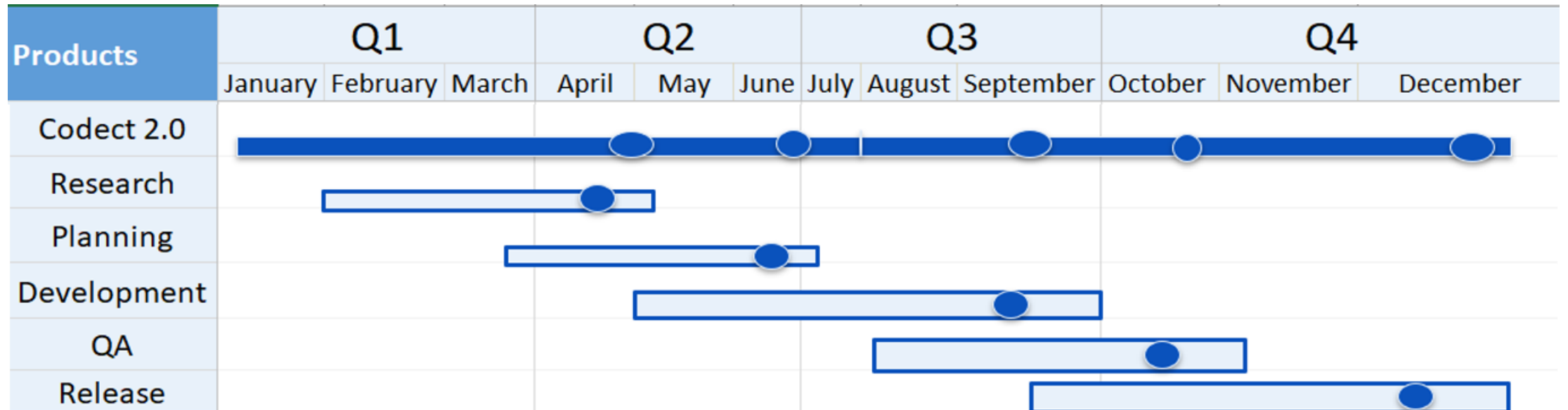
# Version 1.0



Main Responsibilities of the system

- Projects
- Users
- Posts

# Version 2.0





# Version 2.0

- Main Responsibilities

From previous version we have projects, post and users to collaborate with each other. Now we want to expand the features of our application.

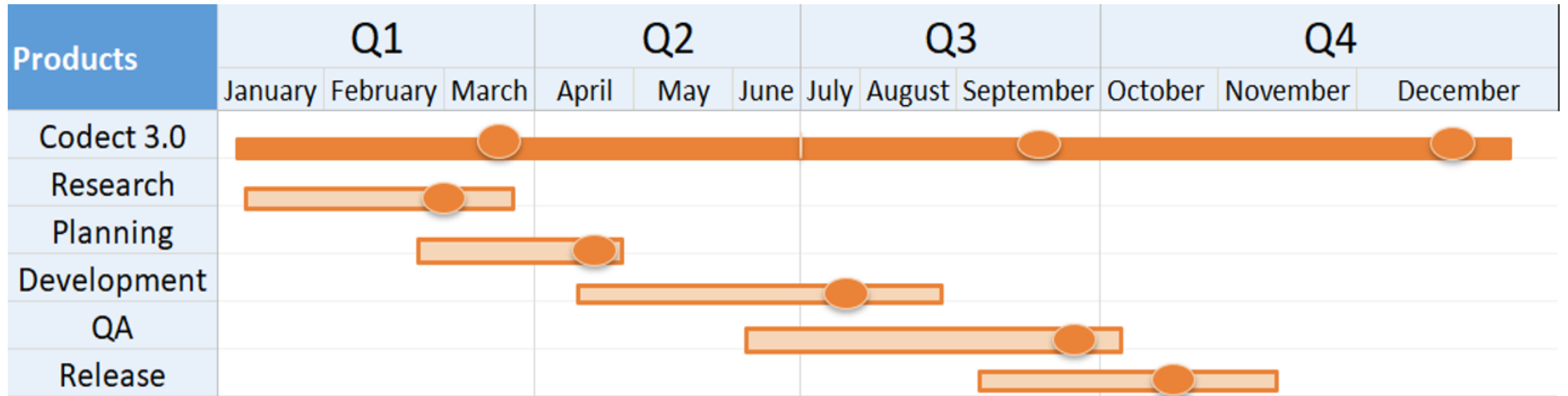
1. Comments

We want to create a way of users to communicate globally

2. Roles

Everyone need to know what privileges he has

# Version 3.0



# Version 3.0

- In this iteration we want to make it easier for the users to join projects
  - The main idea of this feature is to create Vacant Spots. With them we can connect people with projects easier.
  - Every project have empty spots. When we finally implement this new feature, people with suitable tech stack and experience will be notified.

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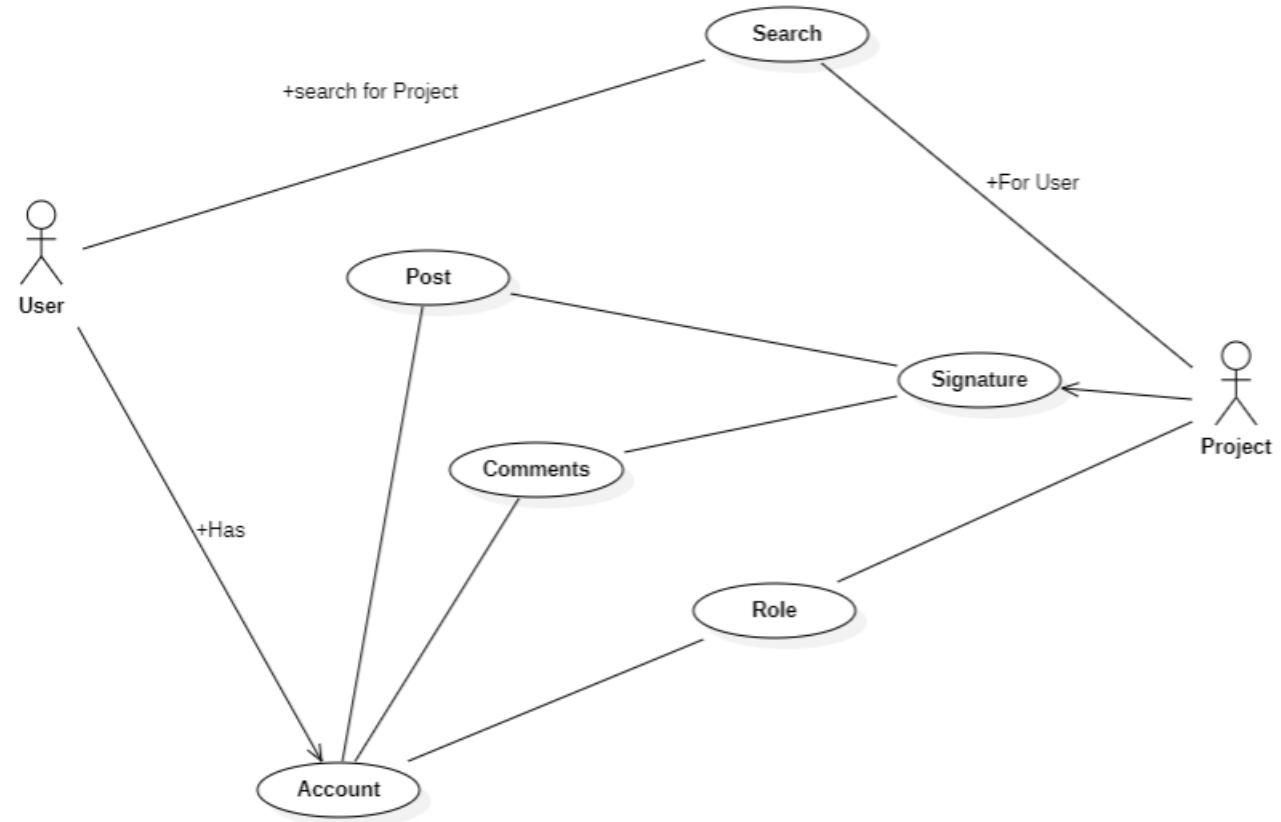
Georgi Atanasov

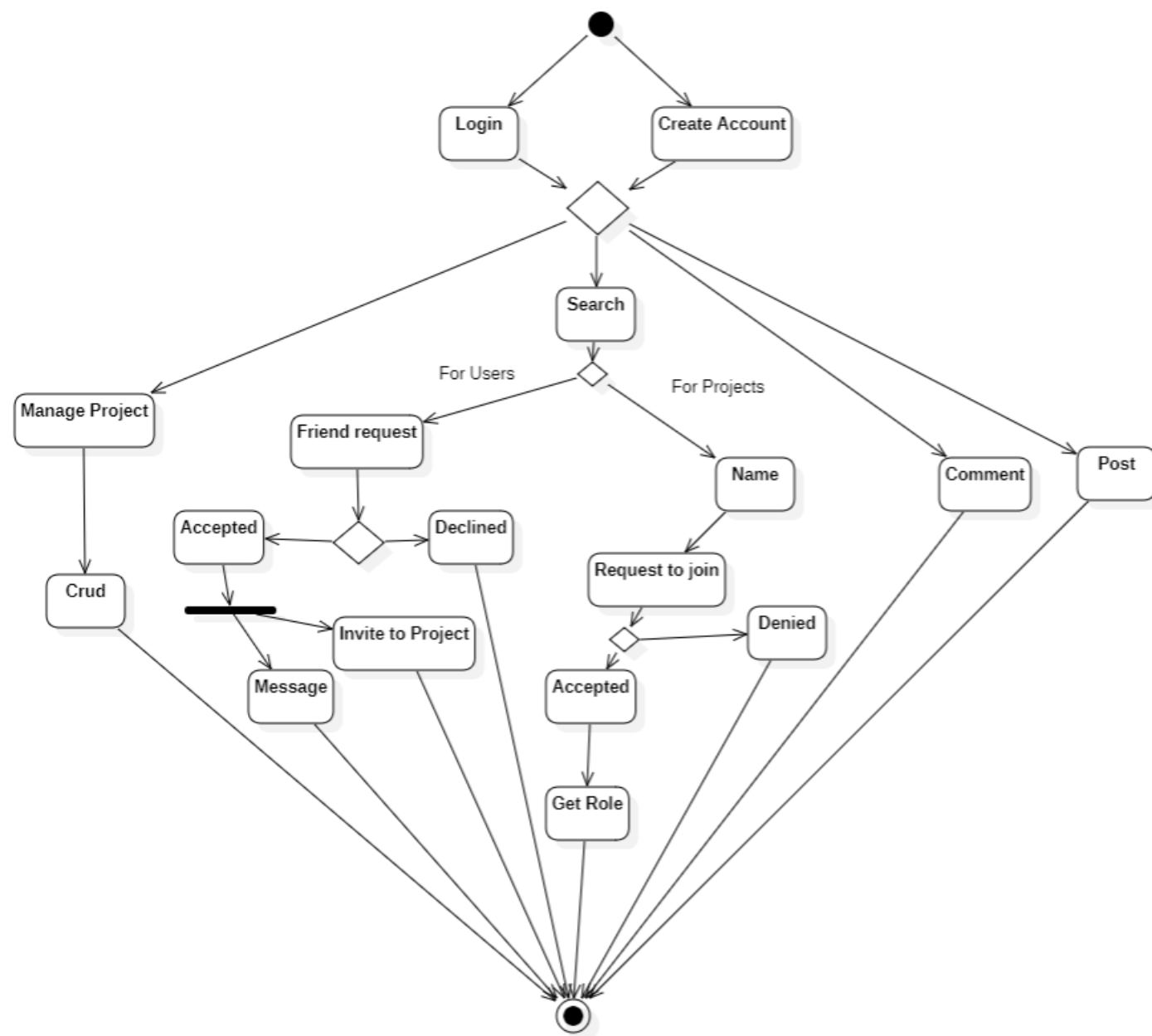
Project manager

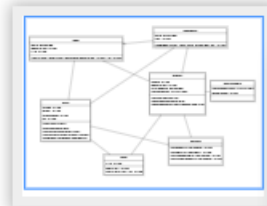
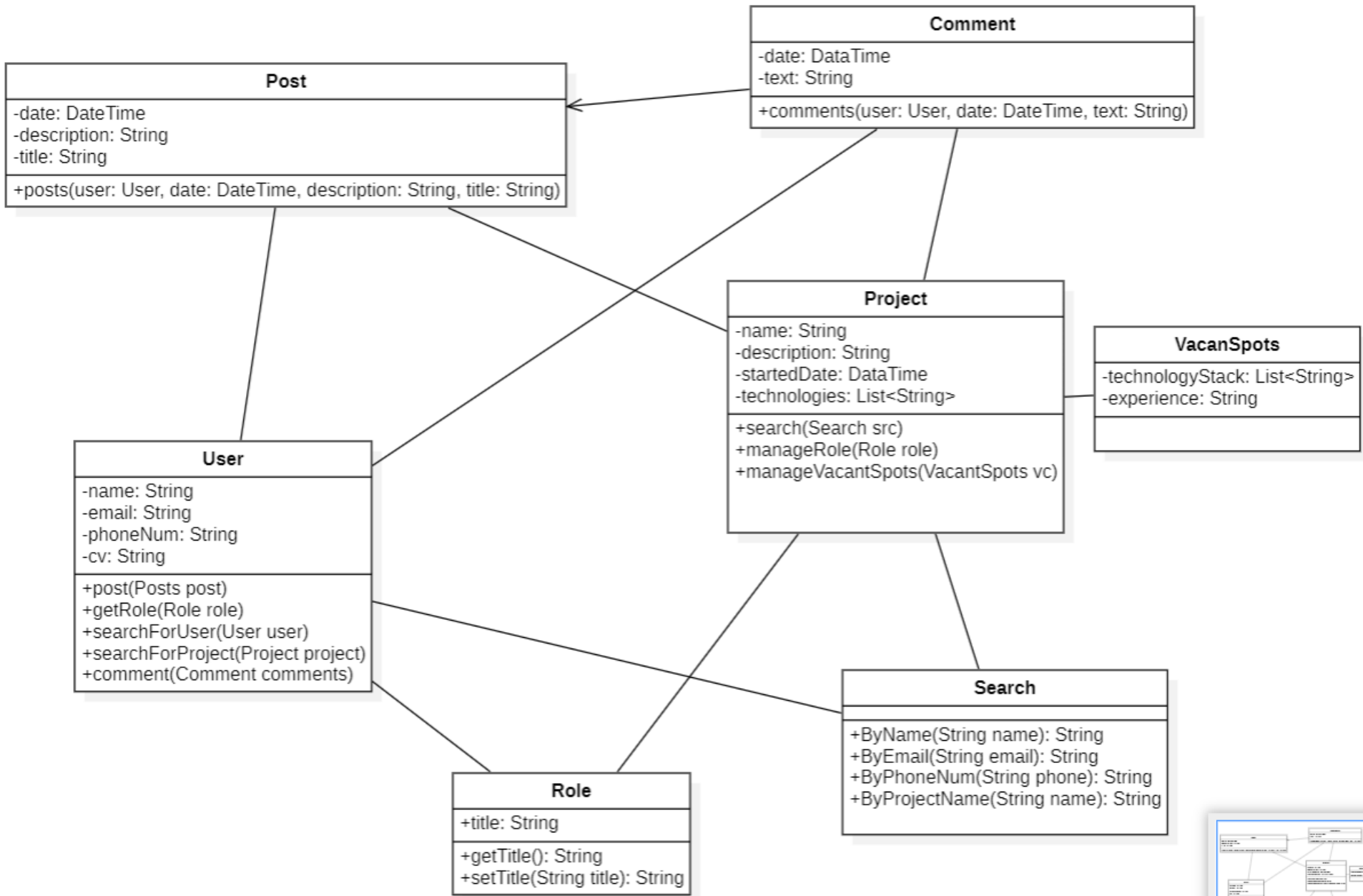
Valentin Iliev

Product Owner

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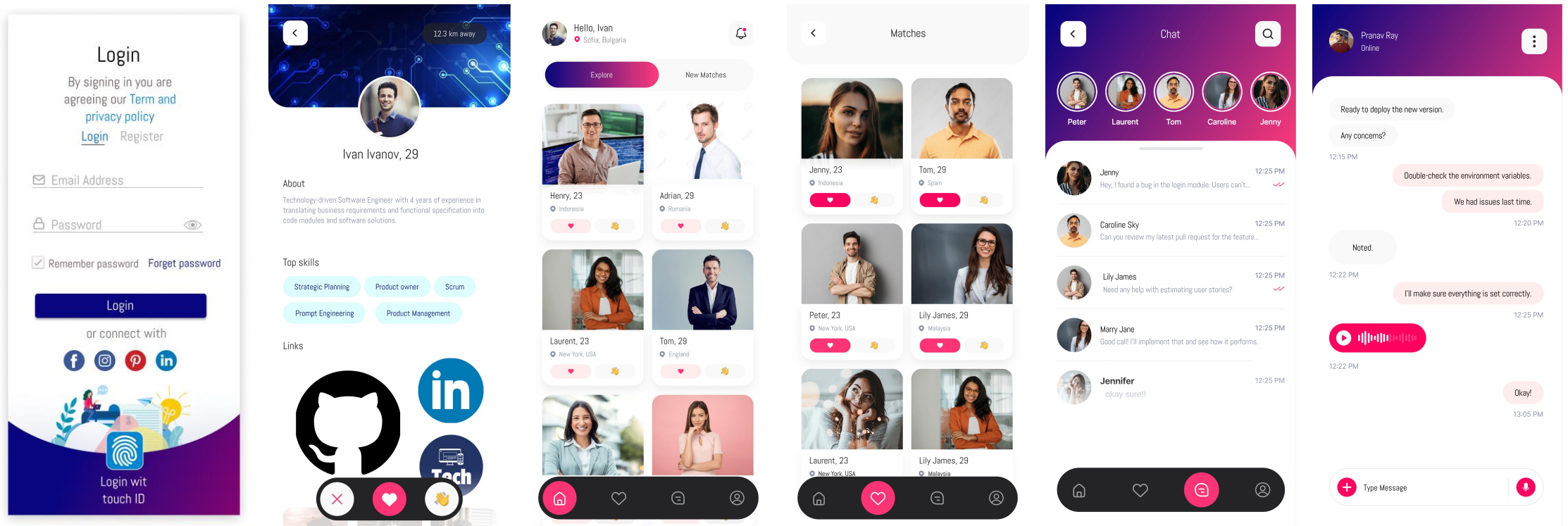
Valentin Iliev

Yordan Mitrev



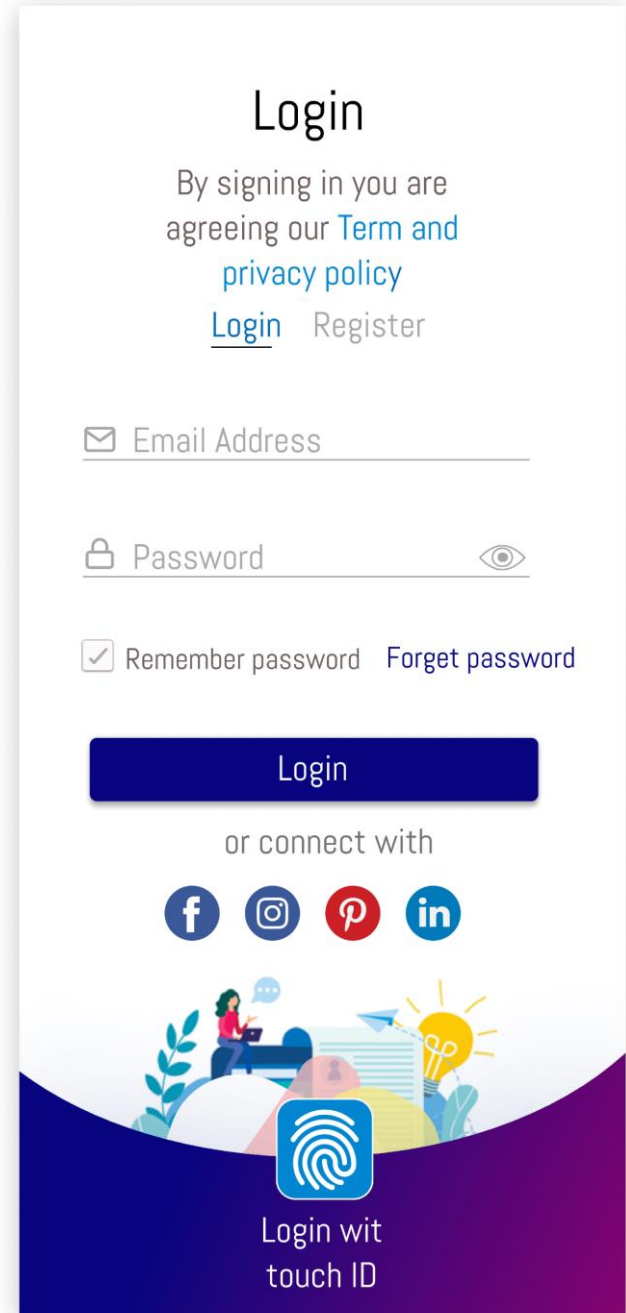
# Prototype

General Flow: Login → Profile Setup → Explore and Match → Manage Favorites → Engage in Chats.



# Login Screen:

Users begin their journey by logging into the Codect app with a secure login interface.




The login screen features a clean, modern design with a white background and a blue-to-purple gradient at the bottom. At the top, the word "Login" is centered in a large, black, sans-serif font. Below it, a message states "By signing in you are agreeing our [Term and privacy policy](#)" in a smaller font, with "Term and privacy policy" in blue. Underneath, the words "Login" and "Register" are displayed in blue, with "Login" underlined. The form includes two input fields: "Email Address" with an envelope icon and "Password" with a lock icon and an eye icon for toggling visibility. Below the password field, there is a checkbox labeled "Remember password" and a link "Forget password" in blue. A prominent blue button with the text "Login" is centered below the form. Underneath the button, the text "or connect with" is followed by four social media icons: Facebook, Instagram, Pinterest, and LinkedIn. At the bottom, there is a colorful illustration of a person sitting at a desk with a laptop, a lightbulb, and a magnifying glass. Below this illustration is a blue square icon with a white fingerprint symbol, and the text "Login with touch ID" is displayed at the very bottom.

Login

By signing in you are agreeing our [Term and privacy policy](#)

[Login](#) [Register](#)





✉ Email Address


🔒 Password 


☒ Remember password [Forget password](#)

Login

or connect with





Login with touch ID

# Profile Screen:

Users are prompted to create comprehensive profiles:

## About Me:

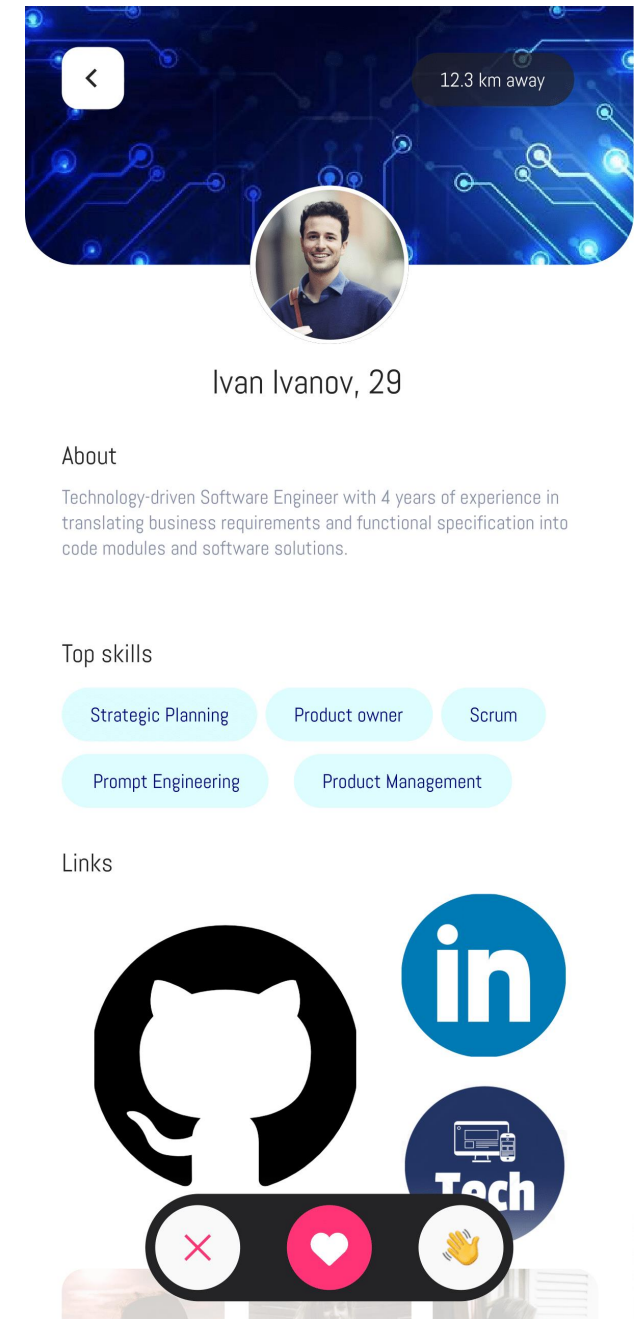
- A text box allows users to provide a personal introduction, sharing background, interests, and goals.

## Skills:

- Users showcase their programming skills with a customizable list.

## Links:

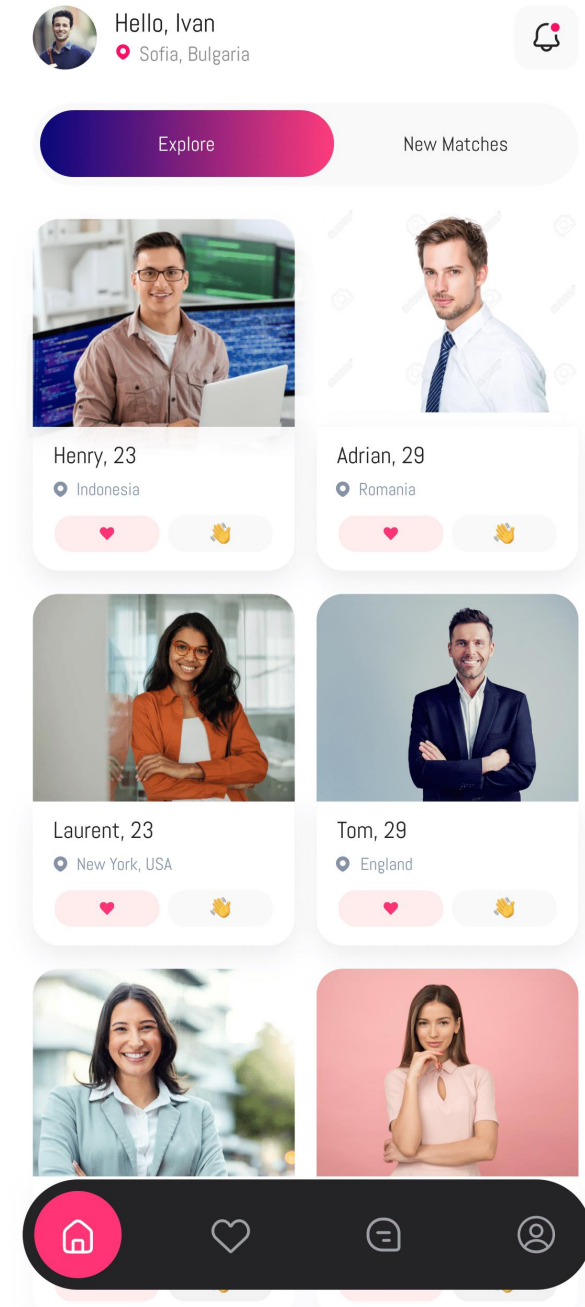
- A section for including links to portfolios, GitHub, or other relevant profiles.



# Home Screen:

## Explore Section

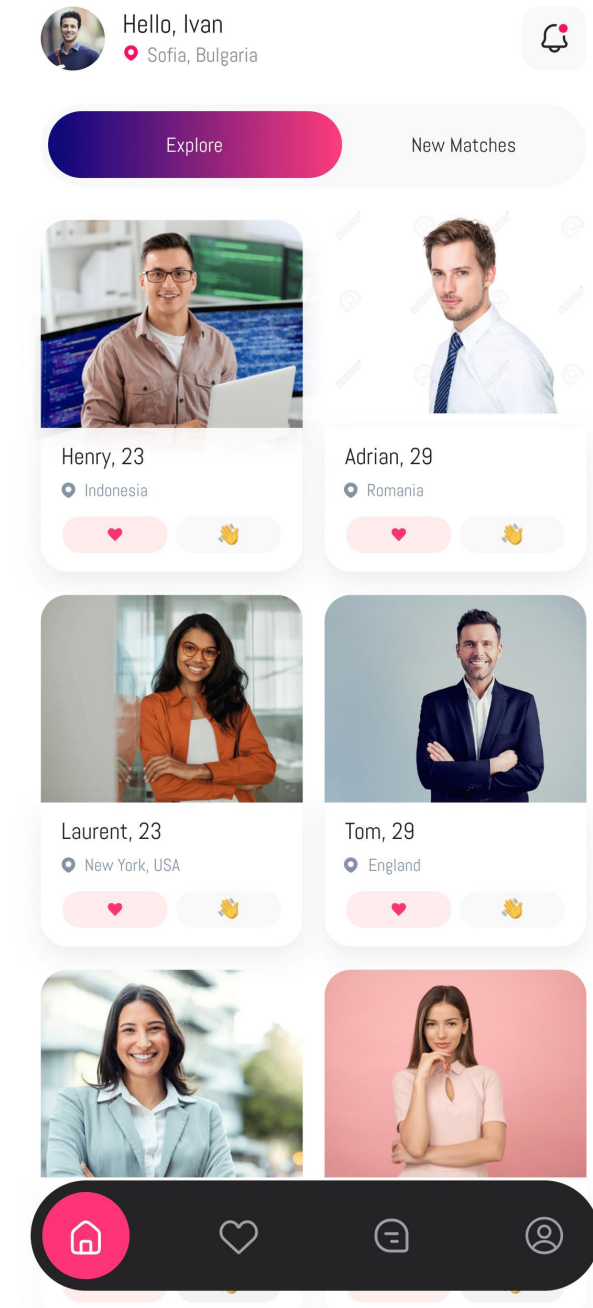
- Users are welcomed to the "Explore" section where they can browse through potential collaborators.
- A visually appealing card-based layout showcases programmers with brief introductions and key skills.
- Swipe functionality allows users to easily navigate through profiles.



# Home Screen:

## New Matches Section

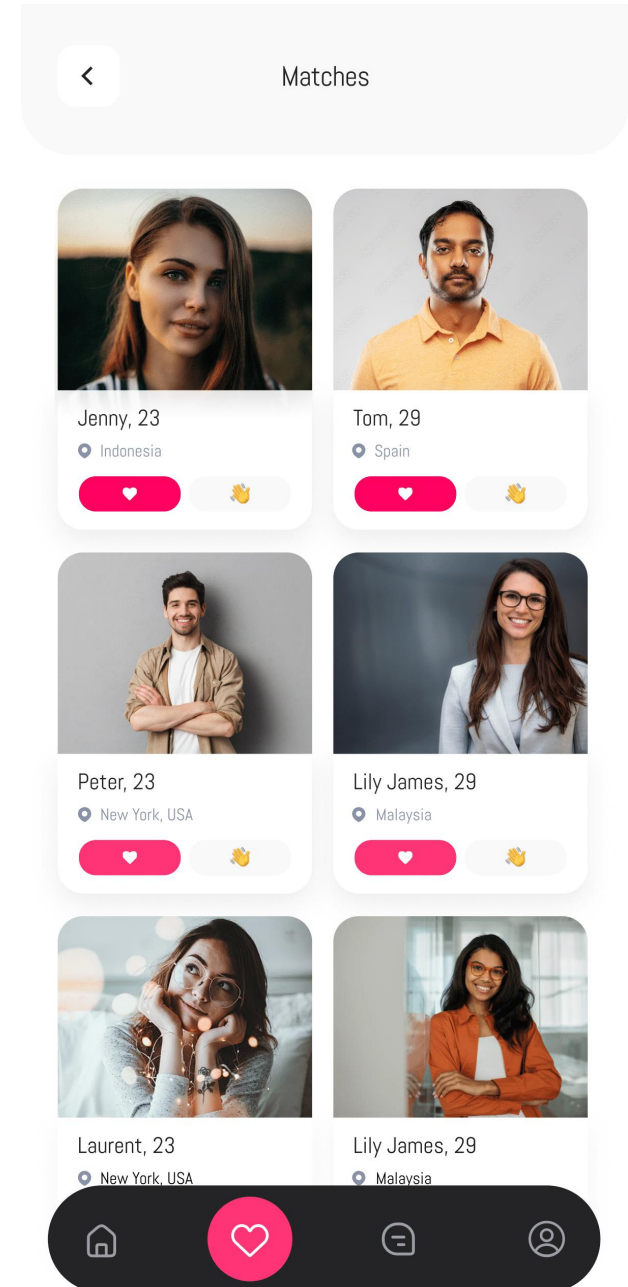
- The "New Matches" section highlights recently discovered potential collaborators based on user preferences and matching algorithms.
- Users receive notifications for new matches, encouraging engagement.



# Favorites Screen:

Users access the "Favorites" section to:

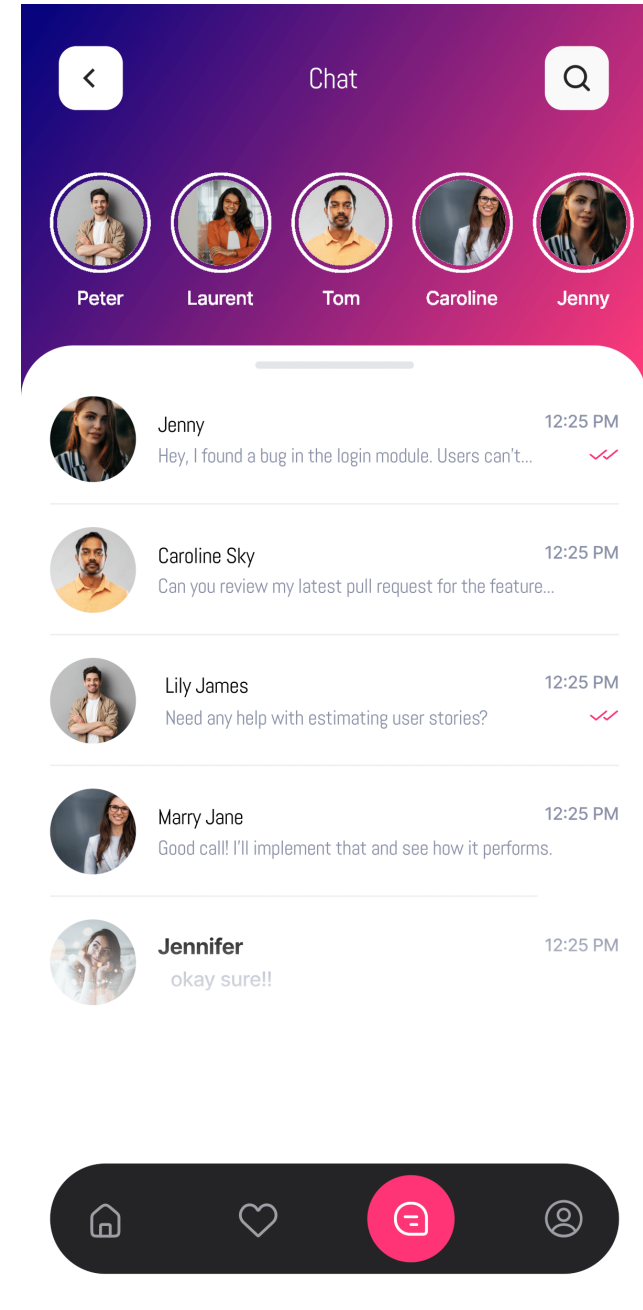
- View a curated list of matched collaborators.
- Easily manage and organize favorite matches with intuitive controls.





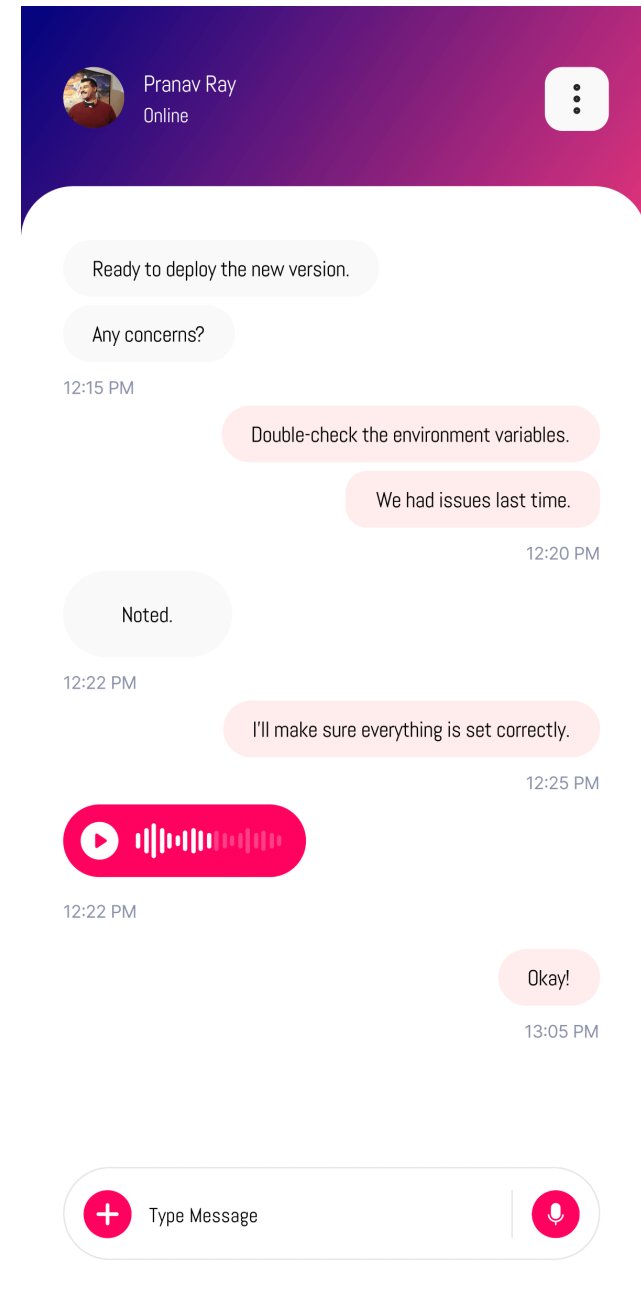
# Chat Screen:

- Users enter the "Chat List" where all ongoing conversations are neatly displayed.
- Unread message indicators ensure users stay updated.



# Chat Detail Screen:

- Users click into a specific chat, revealing a detailed interface.
- Features include real-time messaging, file sharing, and emoji reactions.
- Each chat displays user avatars and timestamps for a personalized and organized experience.





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# Understanding Risks and Test Planning

- **Objective:**

- Presenting potential risks in our project and how we plan to manage them

- **Overview:**

- Identification of risks associated with data security, device integration, and functionality disruptions
  - Description of manual test scenarios for critical application functionalities

- **Importance:**

- Ensuring robustness and reliability of the project through comprehensive risk management and testing

# Identification of Potential Risks

- **High-Risk Factor: Data Security**
  - Ensuring robust encryption methods for sensitive user data
  - Mitigating risks associated with potential data breaches
- **Medium-Risk Factor: Device Integration**
  - Compatibility testing across various devices and operating systems
  - Addressing potential challenges in seamless integration
- **Low-Risk Factor: Functionality Disruptions**
  - Safeguarding against disruptions in essential functions due to updates
  - Implementing effective rollback strategies if unexpected issues arise

# Test Scenarios

- Registration and login across different user profiles
- Creation and management of projects by users
- Performance testing to ensure scalability under high user loads
- Verification of interface and usability for a smooth and intuitive user experience
- Testing communication channels between users and information exchange capabilities

# Exploring Further Risk Reduction Measures

- *Enhanced Security Layers:* Implementing advanced encryption protocols or multifactor authentication systems to bolster data protection.
- *Expanded Test Coverage:* Enlarging the scope of test scenarios to encompass a wider array of functionalities and potential user interactions.
- *Continual Monitoring Strategies:* Establishing ongoing surveillance protocols to promptly detect and address emerging risks or vulnerabilities.