

ASSIGNMENT-1

Project Name:

Social Networking App Enhancement

Project Goal:

Enhance the social networking app to improve user engagement, interaction, and overall user experience.

Project Duration:

10-12 week

Sprint 1: Profile Enhancement

Objective:

Improve user profile functionality and customization.

Backlog Items	Priority	Story Points	User Stories
Profile Picture Upload	High	13	As a user, I want to upload a profile picture.
Profile Bio Editing	High	8	As a user, I want to edit my profile bio.
User Profile Privacy Settings	Medium	5	As a user, I want to manage my privacy settings.
Profile Completeness Tracker	Medium	5	As a user, I want to track the completeness of my profile.

Duration:

2 weeks

Sprint 2: Feed Optimization

Objective: Enhance the user feed to provide relevant and engaging content.

Backlog Items	Priority	Story Points	User Stories
Content Filtering	High	8	As a user, I want to see filtered content based on my preferences.
Post Sharing	High	8	As a user, I want to share posts with my connections.
Feed Algorithm Optimization	Medium	13	As a user, I want to see more relevant posts in my feed.
User Engagement Analytics	Medium	5	As a user, I want to view analytics related to my feed engagement.

Duration: 2 weeks

Sprint 3: Messaging Feature

Objective: Implement real-time messaging to improve user communication.

Backlog Items	Priority	Story Points	User Stories
Direct Messaging	High	5	As a user, I want to send direct messages to other users.
Typing Indicators	High	8	As a user, I want to see when the other person is typing.
Message Delivery Confirmation	Medium	5	As a user, I want to know when my message is delivered.
Message Search Functionality	Medium	13	As a user, I want to search for messages in my chat history.

Duration: 2 weeks

Sprint 4: Notification System

Objective: Enhance the notification system for better user engagement.

Backlog Items	Priority	Story Points	User Stories
Notification Settings	High	13	As a user, I want to customize my notification settings.
Push Notifications	High	8	As a user, I want to receive push notifications for important events.
Notification Sound Options	Medium	5	As a user, I want to choose different notification sounds.
In-App Notification Center	Medium	3	As a user, I want to view all notifications in one place.

Duration: 2 weeks

Sprint 5: Explore Section

Objective: Introduce features for users to discover new content and connections.

Backlog Items	Priority	Story Points	User Stories
Trending Hashtags	High	5	As a user, I want to explore trending hashtags.
Personalized Recommendations	High	13	As a user, I want to receive personalized content recommendations.
Explore Feed Algorithm Refinement	Medium	8	As a user, I want the explore feed algorithm to be refined for better content discovery.
Explore Section UI/UX Enhancement	Medium	13	As a user, I want the explore section to have improved UI/UX for better navigation.

Duration: 2 weeks

ASSIGNMENT-2

Daily Standup Meeting - Sprint 1

Facilitator: Good morning team, welcome to our daily standup meeting for Sprint 1. Let's kick off by going around the virtual room for our updates. Remember, keep it concise and focus on what you accomplished yesterday, what you're planning to do today, and if there are any blockers.

Developer 1: Morning everyone. Yesterday, I completed the profile picture upload feature, but I faced an issue with the image compression algorithm, causing longer upload times. Today, I'm planning to refactor the algorithm to improve performance. No blockers.

Developer 2: Good morning. Yesterday, I finished setting up the storage infrastructure for profile picture uploads. However, I encountered a bug in the frontend component that prevented proper rendering of uploaded images. Today, I'll be debugging and fixing this issue. No blockers.

Developer 3: Hello team. Yesterday, I worked on defining the project requirements and planning. However, I struggled with understanding the requirements for the profile bio editing feature, which led to some delays in my tasks. Today, I'll be seeking clarification from the product owner to ensure alignment. No blockers.

Facilitator: Thank you for sharing your updates, team. It's common to encounter challenges during development, and it's important to address them promptly to keep our progress on track. Let's discuss potential solutions to the issues raised:

1. Image Compression Algorithm Issue:

- **Problem:** Longer upload times due to inefficient image compression algorithm.
- **Solution:(Developer 2)** We can explore using different compression libraries or optimizing the existing algorithm to reduce processing time. Additionally, we should consider caching strategies to improve upload performance for subsequent uploads of similar images.

2. Frontend Rendering Bug:

- **Problem:** Bug in the frontend component causing issues with rendering uploaded images.
- **Solution:(Developer 1)** We need to conduct thorough debugging to identify the root cause of the rendering issue. Once identified, we can implement the necessary fixes and conduct rigorous testing to ensure proper functionality across different devices and browsers.

3. Requirement Understanding for Profile Bio Editing:

- **Problem:** Difficulty in understanding the requirements for the profile bio editing feature, leading to delays.
- **Solution:(Facilitator)** Communication is key here. Developer 3, reaching out to the product owner for clarification is the right approach. Let's schedule a meeting with the product owner to discuss the requirements in detail and address any ambiguities to prevent further delays.

Developer 3: That sounds like a plan. I'll reach out to the product owner today to schedule a meeting.

Facilitator: Great! Remember, if you encounter any further challenges or need additional support, don't hesitate to reach out to your team members or me. Let's work together to overcome these obstacles and make Sprint 1 a success. Keep up the good work, everyone!

Team: Thanks, facilitator!

Facilitator: That concludes our standup meeting for today. Let's get back to our tasks and tackle these challenges head-on. Have a productive day, everyone!

