

Project: Emergency and Mental well-being

Group: 3

Story Points

Sprint 1 (Days 1-10): Planning, Research, and Mental Health Survey

Day 1-5: Project Planning & Initial Setup

- Define project goals, objectives, and target audience.
- Establish key features and functionalities required for the application.
- Assign roles and responsibilities within the team.
- Set up initial project documentation.

Day 6-10: Research & Mental Health Survey Development

- Conduct research on emergency response needs and mental well-being resources.
- Gather insights from stakeholders, mental health experts, and potential users.
- Develop the Mental Health Survey to assess users' mental health status (5 days).
- Finalize a list of key features (e.g., emergency contacts, mental health resources, live chat support).

Total Story Points for Sprint 1: 13 Story Points

(Planning - 3 SP, Survey - 5 SP, Research - 5 SP)

Sprint 2 (Days 11-25): Design, Registration, and Core Functionality

Day 11-15: Design & User Flow

- Create wireframes and mockups for the app interface.
- Finalize the user flow and design elements.
- Prepare a user-friendly and accessible UI/UX that aligns with the app's themes.

Day 16-20: Backend & User Authentication

- Set up backend infrastructure with MongoDB for database management.
- Develop User Registration and Login with secure authentication (5 days).
- Implement data encryption and security for sensitive user information (5 days).

Day 21-25: User Profile Setup & Emergency Contact Integration

- Allow users to set up and manage their profiles (5 days).
- Add functionality for users to manage Emergency Contacts (3 days).
- Integrate crisis hotlines based on user location (3 days).

Total Story Points for Sprint 2: 31 Story Points

(Design - 5 SP, Registration & Security - 10 SP, Profile & Contacts - 8 SP, Hotlines - 8 SP)

Sprint 3 (Days 26-35): Appointment Scheduling, Chat Support, and Insights

Day 26-30: Appointment Feature & Chat System

- Develop appointment scheduling for consultations with therapists (5 days).
- Set up a chat-based support system or chatbot for initial help (5 days).

Day 31-35: Data Visualization & Insights

- Implement graphical statistics to display monthly progress based on tracked data (5 days).
- Integrate an Emergency SOS Feature to alert contacts in case of an emergency (3 days).

Total Story Points for Sprint 3: 28 Story Points

(Appointments - 8 SP, Chat Support - 8 SP, Insights - 7 SP, SOS Feature - 5 SP)

Sprint 4 (Days 36-40): Testing, Feedback, and Deployment

Day 36-38: Testing & Optimization

- Conduct functional testing to ensure all features work as expected (3 days).
- Perform user testing with a small group to gather feedback.
- Fix bugs and optimize performance based on test results.

Day 39: User Acceptance Testing (UAT) & Final Adjustments

- Conduct UAT with target users.
- Collect final feedback and make necessary adjustments.

Day 40: Final Deployment & Launch

- Finalize all content, ensuring system stability.
- Deploy the application to the target platform.
- Prepare and distribute marketing materials for the launch.

Total Story Points for Sprint 4: 14 Story Points

(Testing - 5 SP, UAT & Adjustments - 4 SP, Deployment - 5 SP)

Overall Story Points Summary

Sprint 1: 13 Story Points

Sprint 2: 31 Story Points

Sprint 3: 28 Story Points

Sprint 4: 14 Story Points

Total: 86 Story Points

Key Deliverables by Sprint

1. Sprint 1: Mental Health Survey, Project planning, feature list, and research.
2. Sprint 2: User registration, profile setup, emergency contacts, and security.
3. Sprint 3: Appointment scheduling, chat support, data insights, and SOS feature.
4. Sprint 4: Testing, user feedback, and final deployment.