

High Level Sprint Schedule:

1) Sprint 1: [Week 1 : Oct 7 - Oct 13 ; Week 2 : Oct 14 - Oct 20]

- > Define and explore project scope, objectives, use cases and high level requirements.
- > Formulate a high level project plan

2) Sprint 2: [Week 3 : Oct 21 - Oct 27 ; Week 4 : Oct 28 - Nov 3]

- > Gathering detailed requirements, create design document and define functional and nonfunctional requirements
- > Creating system architecture and database schema documents
- > Choosing Tech Stack
- > Developing wireframes and prototypes for the user interface
- > Work Distribution and detailed planning before app development begins

3) Sprint 3: [Week 5 : Nov 4 - Nov 10 ; Week 6 : Nov 11 - Nov 17]

- > Initializing development of the application backend.
- > Implementing user authentication and access control fields.
- > Developing database models, relationships and tables.
- > Creating API endpoints for POST, UPDATE and GET.

- > Initializing Frontend development with React.
- > Setting up user interfaces for patient data submission, login screens and doctor interactions.
- > Implement real-time updates for patient records.

- > Continuing server side development with a focus on data storage and retrieval.
- > Peer code reviews within the team and required use case testing

4) Sprint 4: [Week 7 : Nov 18 - Nov 24]

- > Incorporating security features to protect patient data.
- > Extending the frontend to include patient submission forms and access control on note fields
- > Ensuring that user interfaces are user-friendly and responsive.
- > Peer code reviews within the team and required use case testing

5) Sprint 5: [Week 8 : Nov 25 - Dec 1]

- > Integrating the frontend and backend components.
- > Begin testing the application, including unit tests and integration tests.
- > Identifying and resolving any issues or bugs.
- > Ensuring compliance with healthcare data regulations.
- > Peer code reviews within the team and required use case testing

6) Sprint 6: [Week 9 : Dec 2 - Dec 8]

- > Developing user training materials for doctors and patients.
- > Creating comprehensive documentation for system users and administrators, API details and developer documents
- > Performing final testing, including user acceptance testing.
- > Preparing the system for production deployment.
- > Final Peer Code Reviews within the team
- > Deploying the application

High Level Responsibilities:

[Documentation, Peer Code Reviews and Testing shared across per sprint]

-> **Megha Shishodia** : Server side and database -> setup and development

-> **Pranoy Dev** : UI interfaces and use cases -> setup and development

-> **Vaishnavi Shah** : API development, Encryption and Security Review

-> **Yash Kothekar** : Push Notifications, Integrating components