

3.2.25

Day -1

- * Reviewed the project requirements and specifications document.
- * Set up the development environment.
- * Worked on the initial project structure.
- * Organized project folders and files, including directories for datasets, source code, models and documentation.
- * Researched machine learning models.
 - ↳ Compared traditional methods:
CARTMA, Linear Regression vs.
deep learning (LSTM, GRU...)

Wally
3/2/25

4.2.25

Date		
Page No.		

Day - 2

- * Designed microframes for the user interface.
- * Implemented basic UI components and ensured responsive layout.
- * Conducted cross-browser checks and made minor adjustments to the UI.
- * Used HTML and CSS for the responsive layout of the UI.

Outcome

Successfully created the initial structure of the UI too which is now ready for further development.

~~Day 2
4/2/25~~

5.2.25

Date		
Page No.		

Day - 3

- * Designed the database schema, created tables, and set up relationships.
- * Optimized database queries for better performance.
- * Integrated the database with the project backend.

Outcome

The database schema was successfully designed.

~~Day 3
5/2/25~~

6.2.25

Date		
Page No.		

Day - 4

- * Implemented user authentication with API endpoints.
- * Added password reset functionality and email verification.
- * Worked on error handling.
- * Ran tests to ensure proper functionality of APIs.

Outcome:

User authentication system was implemented.

- * Later the authentication process was removed as the project was completed without the need for user authentication.

~~6.2.25~~

7.2.25

Date		
Page No.		

Day - 5

- * Designed the homepage layout and structure.
- * Integrated the navigation bar and footer.
- * Styled the homepage.
- * Made adjustments for compatibility in browser.

Outcome:

- * The homepage layout was completed and styled, achieving a responsive and visually appealing user interface across devices.

~~7.2.25~~

10. 2. 25

Date		
Page No.		

Day - 6

- Started working on the second module, outlining its features.
- Wrote API routes for core functionality of the second module.
- Implemented backend logic and integrated frontend components with backend.
- Ran tests.

Outcome

~~Day 6
10.2.25~~

Backend and frontend components for the second module were successfully integrated.

11. 2. 25

Date		
Page No.		

Day - 7

- Refined the UI for the second module.
- Optimized the API endpoints for performance.
- Reviewed the second module for bugs and ran tests.
- Fixed issues identified during testing.

Outcome

- The UI was refined, APIs were optimized for speed, and bugs were resolved, resulting in a stable and improved module.

~~Day 7
11.2.25~~

12.2.25

Day - 8

- * Integrated libraries.
- * Updated the layout.
- * Conducted usability testing.

Outcome

- * Libraries enhanced the layout, providing a smoother and more interactive user experience.

Day
12/25

13.2.25

Day - 9

- * Designed wireframes and outlined features for admin dashboard.
- * Created the basic layout for the dashboard.
- * Added filtering and sorting functionality.
- * Ran tests.

Outcome

The admin dashboard's structure and core functionalities including charts, tables, filtering, and sorting were completed and tested.

Day
13/25

14. 2. 25

Date		
Page No.		

Day -10

- * Integrated the admin dashboard with the project database.
- * Added features for admins to manage users and data.
- * Tested the entire admin functionality.

outcome

- * The admin panel was fully integrated with database and with data management features operational and documented.

*John
14/2/25*

17. 2. 25

Date		
Page No.		

Day -11

- * Outlined features for the thread module.
- * Wrote API routes for the thread module.
- * Integrated frontend components with backend APIs.
- * Conducted testing.

outcome

- * The backend and frontend structures were created and initial tests were completed with API integration in place.

*John
17/2/25*

18.2.25

Day -12

- * Refined the UI components.
- * Added input validation for user data in the hired module.
- * Optimized the database queries.
- * Conducted testing.

Outcome

- * UI components were polished.

*Day
18/2/25*

19.2.25

Day -13

- * Implemented JWT.
- * Set up logging mechanism to track errors.
- * Tested security features to ensure safe data transmission.

Outcome

Security was strengthened with error logging and safer API interactions.

*Day
19/2/25*

Date		
Page No.		

Date			
Page No.			

20-2-25

Day-14

- Implemented caching to reduce server load and speedup response times.
- Reviewed performance reports and implemented further improvements.

Outcome

The project performance was improved via back-end refactoring, query optimization, and caching leading to faster response times.

*Day 14
20/2/25*

21-2-25

Day-15

- Worked on making the project mobile responsive.
- Ran tests on multiple devices for compatibility.

Outcome

* The project became fully mobile-responsive ensuring compatibility and consistent appearance across multiple screen sizes.

*Day 15
21/2/25*

24.2.25

Date		
Page No.		

Day - 16

- Refined the third module.
- Ran unit tests.

Outcome

The third module was refined with feedback-based adjustment and passed all unit tests, ensuring stability.

~~Day 17~~

25.2.25

Date		
Page No.		

Day 17

- Reviewed the overall project architecture.
- Refactored backend sections to follow best practices for future expansion.
- Updated the project documentation.

Outcome

The project architecture was reviewed and optimized for scalability, and documentation was updated to reflect best practices.

~~Day 17~~
25.2.25

Date		
Page No.		

26.2.25

Day - 18

- * Focused on bug fixing.
- * Resolved UI alignment issues.
- * Conducted regression testing.

Outcome

- * Critical bugs were fixed. UI alignment was improved, and regression testing confirmed no disruption to existing functionality.

~~26.2.25~~

Date		
Page No.		

27.2.25

Day - 19

- * Ran tests to ensure smooth communication between modules.
- * Identified and resolved issues.
- * Fixed bugs related to data flow between the frontend and backend.

Action

- * Integration tests ensured proper data flow between modules and all identified integration issues were resolved.

~~27.2.25~~

28.2.25

Date	
Page No.	

Day - 20

- focused on enhancing the project's UI.
- Refined the interaction flow and tested different design options.
- made adjustments based on testing feedback.

outcome

The project's UI/UX was enhanced with a smoother user flow and adjustments based on testing feedback.

~~28.2.25~~

30.3.25

Date	
Page No.	

Day - 21

- Prepared the project for deployment by setting up environment variables.
- * ~~Prepared the project for deployment.~~
- Worked on deployment scripts.
- Finalized the deployment process.

outcome

The deployment process was prepared and tested ensuring readiness for production release.

~~30.3.25~~

4.3.25

Date		
Page No.		

Day - 22

- * Prepared the production environment.
- * verified that all dependencies were properly installed.
- * Ran pre-deployment tests.

outcome

The production environment was configured and verified and predeployment tests confirmed full system functionality.

~~5/3/25~~

5.3.25

Date		
Page No.		

Day - 23

- * Finalized project documentation.
- * Created a user manual for admin panel and other key features.
- * Cleaned up the project repository.

outcome

Project documentation and user manuals were finalized and the project repository was cleared and organized.

~~5/3/25~~

4.3.25

Day - 22

- * Prepared the production environment.
- * verified that all dependencies were properly installed.
- + Ran pre-deployment tests.

outcome

The production environment was configured and verified and pre-deployment tests confirmed full system functionality.

~~Day 23~~

5.3.25

Day - 23

- * Finalized project documentation.
- * Created a user manual for admin panel and other key features.
- + Cleaned up the project repository.

outcome

Project documentation and user manuals were finalized and the project repository was cleared and organized.

~~Day 25~~
5/3/25

Date		
Page No.		

6.3.25

Day - 24

- * Conducted a final round of tests.
- * fixed bugs and performance issues
- * Cleaned up the codebase..

Outcome

End-to-end testings completed,
final bugs were fixed and
the codebase was cleaned up
for deployment.

~~Day - 25~~

Date		
Page No.		

7.3.25

Day - 25

- * Focused on preparing the project for user acceptance testing.

~~Outcome~~

~~Day - 25~~

10-3-25

Day -26

- * Fixed some errors
- + finalized preparation for production deployment. Completed final testing on staging environment.

outcome

The user acceptance testing was completed and the project was finalized for production.

11-3-25

Day -27

- + Today we planned to deploy the project on Heroku Community Cloud. This will make the application accessible online, allowing users to interact with it directly through a web interface.
- + The deployment process will include setting up the repository, configuring necessary dependencies, and ensuring that the app runs smoothly in the cloud environment.

12. 3. 25

~~28~~ Day - 28

- * Decided to postpone the deployment of the project on Streamlit community cloud.
- + The focus will now be on making further enhancements and improvements.
- * Planned to optimize features refine the user interface and perform additional testing to ensure better performance and user experience in the final version.

Worx
12/3/25

13. 3. 25

Day - 29

- * Tracked project performance.
- * Decided to remove the database component from Project instead integrated an API to fetch data directly from online sources in real-time.
- * This change simplifies the project workflow and ensures that the application pulls live and updated data whenever required, improving efficiency and reducing maintenance related to database management.

Worx
13/3/25

14.3.25

Day - 30

- Wrapping up the project by finalizing all key deliverables.
- Wrapping up the project as it is now successfully working as intended. All core functionality have been implemented and tested thoroughly.
- The system is stable and real-time data fetching is functioning smoothly.
- Final documentation and minor adjustments will be completed but the main development phase is now concluded.

~~Diary~~
14/3/25