

Task Tracker Application

Jonathan Corona, Rollin Place

Planning Phase:

-This projects Goal is to make an application that keeps track of task for a group of people this application will allow for adding tasks and removing tasks.

- Team members

Jonathan Corona: Scrum Master and Developer

Rollin Place: Developer

-Project Scope:

- 1.Create tasks and give them descriptions.
2. Assign Tasks

-WBS

1. Research & Planning

- We need a model, view, and controller package
- Choose technology stack (Frontend, Backend, Database)
- Design system architecture

2. UI/UX Design

- Create wireframes & mockups
- Design user-friendly task dashboard
- Plan user roles & permissions

3. Frontend Development

- Build task creation & deletion UI
- Implement task list display
- Add user interaction features (assign, edit tasks)

4. Testing & Debugging

- Unit testing for backend API
- UI testing for usability
- Fix bugs & optimize performance

Execution Phase:

Daily Stand-Ups:

Sprint 1 - we set up GitHub and linked it to the project. First, we created a repository with a README.md and a .gitignore to keep things tidy. Then, we set up the project structure and added the necessary dependencies. Team members were given access, and we set up issue tracking and a project board to stay organized. We also added GitHub Actions for automatic testing where needed. This sprint made sure everything was ready for teamwork and version control.

Sprint 2 - we completed the UI and main without any errors. The user interface was written and implemented, we made it clear and easy to use. We also built the main functionality, making sure tasks could be added and removed as expected. After testing we fixed any issues to make sure everything worked properly. This sprint ensured that the application was functional and ready for further improvements.

Sprint 3: We finished the taskController we ran it and tested it. The controller was made to handle task creation, deletion and management. After development we ran tests to make sure it worked correctly and fixed any problems that came up. This sprint made sure that the main task management functions were running properly.

Closure Phase:

Summary Reflection:

Over the past three sprints we made good progress in building our task management app - learning and improving as we went. In Sprint 1 we set up GitHub, organized the project and ensured smooth collaboration. This step was crucial because it gave us a structured way to work together without confusion. Sprint 2 focused on finalizing the interface and making sure main logic worked

without errors. That interface came to life and worked correctly was a large milestone as it made the app real and usable. In Sprint 3 we finally completed the taskController, tested and made sure that task management worked as expected. This sprint really showed the importance of testing and debugging as we had to fine-tune things to get the best results.

Looking back each sprint had its challenges, but they also helped us grow. We learned that it is important to remain organized, test early, and too communicate clearly as a team. Now that the foundation is set in place we are able to expand the app adding new features and making it even better then before.