

Progress Report 1

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| Date | Number of Hours | Description of work done |
|----------------|-----------------|--|
| Sept. 18, 2025 | 1 | Completed initial backend setup |
| Sept. 19, 2025 | 2.5 | Set up routes for backend connections. |
| Sept. 20,2025 | 2.5 | Added necessary files for basic CRUD functionality and established MongoDB connection. |
| Sept. 21, 2025 | 1.5 | Tested routes using Postman (all routes working at this stage). |
| Sept. 22, 2025 | 1 | Created a prototype for the frontend (not fully functional yet). |
| Sept. 23, 2025 | 1.5 | Refined frontend implementation; encountered issues connecting it to the backend. |

This week, I focused on setting up the backend of my project. I began with the initial backend setup and gradually added all necessary files for a basic CRUD structure along with the MongoDB connection. I created and tested routes using Postman to ensure they were functioning correctly. Toward the end of the week, I started working on the frontend by creating a prototype and refining it, though I encountered issues with connecting it to the backend. I have not pushed the frontend to the repository yet, as it is still under construction. Overall, my backend is running, but I need to resolve the communication between frontend and backend in the upcoming week.

The files and folders I have checked into the repository this week include the initial backend setup with configuration files, the CRUD API routes for users and listings, and the MongoDB connection setup. I also added the controllers and models required for the backend functionality. In addition, I pushed updates to refine my routes after testing with Postman and included adjustments for validation and error handling. All code was committed into the Implementation folder in separate stages throughout the week. The frontend prototype has not been pushed yet, as it is still under construction.