

Progress Report 4

AI Nutritionist - Health academy website

Date	Hours	Task	Work Done
10/20/2025	3	Migrating the database to cloud	Successfully migrated the database to our team's cloud hosting server. As the database was created inside a group, it was not possible to migrate it as it was. We had to divide it into five separate databases before we could migrate it.
10/22/2025	2	Cleaning up the old URLs	Replaced the old URLs with the new ones. Tried to replace through phpMyAdmin but it didn't work fully on the serialized URLs. So, we used the terminal from the cPanel to replace the URLs.
10/23/2025	3	Started building the AI chatbot	Went to online resources for building an AI chatbot. Initially we determined to use OpenAI GPT. But, the GPT models are all paid version, hence we are trying to make the chatbot with Cloudflare first then switch to more advanced GPT models.
10/25/2025	3	Configuring the environment for the chatbot	Our chatbot will be an API and we will connect it to the WordPress with its REST API service. The chatbot will be using NextJs. And for the Cloudflare service we had to make an account in Cloudflare and generate the API token for using the service. Cloudflare has both LLM and vectorizing services. We manually enabled it from the dashboard in Cloudflare before generating the API token.
10/27/2025	5	Coding for the chatbot	We started implementing the chatbot and created a stand alone NextJs app for the chatbot. In this way we can test the response of the chatbot and configure it accordingly.

10/29/2025	4	Adding the scope of switching to OpenAI GPT	As the cloudflare AI is only for verifying the effectiveness of the chatbot, we added a scope for us to use OpenAI's GPT model. We can switch it from the .env file in the NextJs app. By adding this feature we can easily switch between platforms if necessary.
11/01/2025	3	Testing the chatbot with API calls	So far the chatbot is responding to our API calls. But we ran into some errors while trying to implement embedding.
11/04/2025	5	Debugging error in the chatbot	Currently we are facing some issues with the chatbot while seeding. We, haven't pinpoint the problem yet.