



# Task tracking

Task name	State	Assigned member	Time invested	Priority	Description
✓ <u>User Research &amp; Workflow Analysis</u>	Finished	Thibaud	4 days	High	Define main user flows and needs.
✓ <u>User Journey Mapping</u>	Finished	Thibaud	2.5 days	Medium	Map the step-by-step user experience.
✓ <u>Figma Design System Setup</u>	Finished	Thibaud	4 days	High	Create styles, components, typography.
<u>Initialize FastAPI Backend Project</u>	Finished	Mawen	0.5 day	High	Setup the base FastAPI backend structure.
📖 <u>Add Environment Config Loader</u>	Finished	Mawen	0.5 day	Medium	Load settings from environment variables.
📝 <u>Setup Logger Utility.</u>	Finished	Mawen	0.5 day	Medium	Add centralized logging for the backend.
✓ <u>Parse symptoms within users' messages</u>	Finished	Sugethan	3 days	High	Extract medical symptoms from user input.
✓ <u>Implement Whisper (STT).</u>	Finished	Mawen	12 days	High	Integrate Whisper for speech-to-text processing.
✓ <u>User related api routes : creation, authentication, updating</u>	Finished	Sugethan	3 days	High	Create user CRUD endpoints in FastAPI.
✓ <u>Connect to MongoDB</u>	Finished	Sugethan	0.5 day	High	Establish backend connection with MongoDB.
✓ <u>Create Pydantic Models for MongoDB</u>	Finished	Sugethan	1 day	Medium	Define data models for validation.
✓ <u>Set up Mongoengine</u>	Finished	Sugethan	0.5 day	Medium	Configure MongoEngine as ORM for MongoDB.
✓ <u>Create CI/CD Github Actions</u>	Finished	Thibaud	3 day	High	Automate builds and tests with GitHub Actions.
✓ <u>Implementation of Coqui.ai for TTS</u>	Finished	Sugethan	7 days	High	Integrate <u>Coqui.ai</u> for text-to-speech.
✓ <u>Setup Coqui.ai route</u>	Finished	Sugethan	3 days	Medium	Add FastAPI route for TTS service.
✓ <u>[STT] Add a FastAPI Route for Transcription</u>	Finished	Mawen	3 day	High	Expose STT via API endpoint.
✓ <u>[STT] Document the Feature Usage</u>	Finished	Mawen	1 day	Low	Write usage docs for STT feature.
✓ <u>Creation of Dockerfile for the Backend</u>	Finished	Gibril	1 days	High	Build Docker image for backend.
✓ <u>Setup of Docker Compose</u>	Finished	Gibril	1 day	High	Orchestrate services with docker-compose.
✓ <u>Optimization of Builds and Images</u>	Finished	Gibril	2 days	Medium	Improve build speed and image size.
✓ <u>Set up navigation</u>	Finished	Corentin	3 days	Medium	Add routing/navigation system.
✓ <u>Setup Zustand Auth Store</u>	Finished	Corentin	2 days	Medium	Manage auth state with Zustand.
✓ <u>Setup HomeFront</u>	Finished	Corentin	2 days	High	Create home page UI.

Task name	State	Assigned member	Time invested	Priority	Description
✓ <u>Design chat &amp; voice messages for User</u>	Finished	Corentin	6 day	High	Build chat and voice UI components.
✓ <u>Write README</u>	Finished	Corentin	0.5 day	Low	Basic documentation of Sana.
✓ <u>Generate a PDF from the user's medical record</u>	Finished	Gibril	2 days	High	Export user data as PDF.
✓ <u>Code Testing and Quality - Backend - Frontend - CI/CD</u>	Finished	Thibaud	2 days	Medium	Implementation of a complete testing and quality control strategy.