GenAI Usage Log

Date	Task	Description of AI Tool Usage	Output	Integration	Rationale	Challenges and Considerations
09/09	Project Initialization	Used ChatGPT to plan initial project structure and monorepo setup.	Guidance on FastAPI + Next.js monorepo structure.	Yes, initialized structure as per guidance.	Ensured project started with clean modular structure.	Needed to adapt AI suggestions to required project constraints.
12/09	Backend Setup	Used ChatGPT for FastAPI configuration, database models, and JWT auth boilerplate.	Code snippets for database init, auth routes, and utils.	Yes, integrated into backend app.	Accelerated backend setup and avoided boilerplate errors.	Adjusted JWT and hashing logic to align with project security requirements.
13/09	Generative AI Integration	Used ChatGPT to integrate Gemini API into /analyze endpoint.	Endpoint to send text for phishing verdicts.	Yes, functional backend endpoint created.	Enabled AI-driven phishing detection.	Ensured proper error handling and token management.
14/09	Frontend Pages Setup	Used ChatGPT to create templates for Next.js pages.	Boilerplate React components with Tailwind + shadcn/ui.	Yes, integrated with backend routes.	Faster setup of clean UI aligned with EPITA requirements.	Adjusted styling manually after AI suggestions to match theme.
24/09	Seeding and Stats Debugging	Used ChatGPT to debug stats.py and seeding script.	Fixed data seeding and reassignment for correct pie chart rendering.	Yes, re-ran seeding script and validated charts.	Ensured dashboard displayed realistic and correct analytics.	Parsing AI results required cleaning JSON response.