Instructions

Download or make a copy of this template. After this, complete the pages by filling in your tasks (add more rows if needed).

Save it as a PDF with your group number in the filename in GIT and Jira.

Email the completed document (with your group number in the subject line) to epe321.2025@gmail.com

The first item to complete is the description of your responsibilities (from repo/GDD).

The options for the *Completed* column are: Yes/No/Partially. Completion requires that a task is "done", which is defined as the code and the unit test for that code is written and passed successfully.

The options for the *Tested* column are: Yes/No/Informally. Informally here refers to if you tested the code but did not do so using Automation Testing.

The options for the *Commented* column are: Yes/No/Partially. Partially here refers to comments that exist but are incomplete (not all major functions have descriptions). Major functions refer to all functions except getters and setters.

Name: Bokamoso Maredi

Responsibility: AI

What were your responsibilities (copy from repo):

- Integrate AI with Flask backend
- Write unit tests for AI functions
- Support chatbot responses

Task	Completed?	Tested?	Commented?
Implement similarity algorithm	Yes	Yes	Yes
Add brand recognition	Yes	Yes	Yes
Preprocess text	Yes	Yes	Yes
Integrate with /api/listings	Yes	Yes	Partial
Unit testing	Partial	Yes	Yes
Support chatbot logic	Yes	Yes	Yes
Integrate with Flask backend	Yes	Yes	Yes
User Authentication & Roles	Yes	Yes	Yes
Semantic AI Matching System	Yes	Yes	yes
Notification system	Yes	Yes	Yes

Location Services	Partially (missing google maps api)	Yes	Yes
Font end Search Page	Yes	Yes	Yes
Backend API	Yes	Yes	Yes
Testing and documentation	Partially (incomplete documentation)	Yes	Yes

Name: Calem Chetty

Responsibility: Networking

What were your responsibilities (copy from repo):

- Design and implement the networking service API
- Enforce security and communication standards
- Provide integration scaffolding and documentation

Task	Completed?	Tested?	Commented?
Set up Express server with TypeScript	Yes	Yes	Yes
Configure security middleware (Helmet, CORS, Rate-limit)	Yes	Yes	Yes
Implement JWT-based Auth (register, login, refresh)	Yes	Yes	Yes
Build presigned upload endpoint for images (local dev driver)	Yes	Yes	Yes
Create listings API (CRUD with in-memory repo)	Yes	Yes	Yes
Integrate storage drivers (local + placeholder S3)	Yes	Informally	Yes

Integrate email drivers (console + SMTP)	Yes	Informally	Yes
Provide OpenAPI spec + README instructions	Yes	Yes	Yes
Add logging with Pino (and HTTP logs via morgan)	Yes	Yes	Yes
Unit tests with Jest + Supertest	Yes	Yes	Yes
Coverage badge & test report scripts	Yes	Yes	Yes

Name: Nolwazi Nyalunga

Responsibility: Back-end

What were your responsibilities (copy from repo):

Task	Completed?	Tested?	Commented?
User registration	Yes	yes	yes
User login	Yes	Yes	Yes
Password reset feature	Yes	Yes	yes
Protected routes (user/admin)	Yes	Yes	Yes
User logout	Yes	Yes	yes
Refresh tokens	Yes	Yes	yes
Admin routes	Yes	Yes	yes
Owner routes	Yes	yes	Yes
Account status management	Yes	Yes	Yes
User profile updates	Yes	Yes	Yes
Login history	yes	yes	yes
Audit logs	yes	yes	yes

Name: Cidra Mthembu

Responsibility: Front-end

What were your responsibilities (copy from repo):

Task	Completed?	Tested?	Commented?
Landing Page (nav+buttons)	Yes	Yes	Yes
Login (form+Google)	Yes	Yes	Yes
Signup (form)	Yes	Yes	Yes
Settings (tiles)	Yes	Yes	Yes
Listings Page	Yes	Yes	Yes
Search items	Yes	Yes	Yes
Create a Listing	Yes	Yes	Yes
Profile page	Yes	Yes	Yes
Messaging Page	Yes	Yes	Yes
Notifications Page	Yes	Yes	Yes

Limiting text on Create Listing Page	Yes	Yes	Yes
Limiting Image size	Yes	Yes	Yes
Limiting Image type	Yes	Yes	Yes

Name: Obakeng Mokgatle

Responsibility: Server

What were your responsibilities (copy from repo):

Task	Completed?	Tested?	Commented?
Create models for users, listings, and chats .	Yes	Mostly	Yes
Create routings for listings, authentication, chats, and users.	Yes	Yes	Yes
User & admin authentication.	Yes	Yes	Yes
Create a PostgresSQL connection.	Yes	Yes	Yes
Create a server entry point.	Yes	Yes	Yes
Create a chatroom connection.	Mostly	Mostly	Yes
File upload system	Yes	Partially	Yes
Messaging system	Partially	Partially	Yes

Name: Tadiwanashe Kabaira

Responsibility: Back-end

What were your responsibilities (copy from repo):

Design database schema; Develop core application logic and service layers.

Task	Completed?	Tested?	Commented?
Design and Implement Database Schema	Yes	Informally	Yes (README)
Users	Yes	Yes	Yes
Admin	Yes	Yes	Yes
Session	Yes	Yes	Yes
Notifications	Yes	Yes	Yes