**Team Member Background**

| Yasmine Mouatif | Backend and databases, sql, python, javascript and appscript for backend. A bit of react for previous project |
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| Sam | Backend and databases, java, python, MERN stack |
| Ikram Kamal | Backend, frontend, testing |
| Ben | Backend, testing |
| Hanine Tydrini | Backend, frontend  Javascript, Python, previous experience with the MERN stack |
| Uyi Oronsaye | Frontend, databases, HTML, CSS, JavaScript, ReactJS, SQL, NOSQL(MongoDB, NeoJ). |

**Team Member Roles**

1. Project Manager/Product Owner: Hanine

- Define project objectives and scope.

- Prioritize features and user stories.

- Maintain the product backlog.

- Conduct sprint planning and review meetings.

- Ensure alignment with customer needs and business goals.

2. Scrum Master: Yasmine

- Facilitate Agile ceremonies (daily stand-ups, sprint planning, retrospectives).

- Remove impediments and obstacles for the development team.

- Coach team members on Agile principles and practices.

- Promote continuous improvement and collaboration.

- Act as a liaison between the team and the Product Owner.

3. Frontend Developer: Uyi Oronsaye

- Design and implement user interfaces using HTML, CSS, and JavaScript.

- Translate user requirements and wireframes into functional UI components.

- Ensure the application is visually appealing and responsive across devices.

- Collaborate with backend developers to integrate frontend components with backend services.

- Conduct code reviews and maintain code quality standards.

4. Backend Developer: Sam

- Develop server-side logic and database functionality using programming languages like Java, Python, or Node.js.

- Design and implement RESTful APIs for communication between frontend and backend systems.

- Handle data storage and retrieval, including database design and optimization.

- Implement security measures to protect data and prevent unauthorized access.

- Ensure scalability, reliability, and performance of backend systems.

5. Quality Assurance/Testing Specialist: Ben

- Create test plans and test cases based on user stories and acceptance criteria.

- Execute manual and automated tests to verify system functionality and behavior.

- Identify and report defects, track their resolution, and perform regression testing.

- Collaborate with developers to ensure proper test coverage and resolve issues.

- Continuously improve testing processes and techniques to enhance product quality.

6. DevOps Engineer: Ikram

- Automate deployment, configuration, and monitoring of infrastructure and applications.

- Set up and maintain development, testing, and production environments.

- Implement continuous integration and continuous deployment (CI/CD) pipelines.

- Monitor application performance, availability, and security.

- Troubleshoot and resolve infrastructure and deployment issues efficiently.