The A Team

Team Members:
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4- Pamela Wyatt
5- Boynton Victor

Description:
　　　We seek to create a web application which will help users find recipes catered to their level of cooking proficiency. Users will first be prompted for information on his/her individual cooking skills. Based on user input, the application will search the web for recipes that match user ability.

Vision Statement:
　　　To create a fully functional web application that allows users to locate recipes which match their individual cooking abilities.

Motivation:
　　　We feel that creating a centralized web application that aligns with a user's cooking abilities would make for a fun and engaging cooking experience for a very diverse target market.

Risks:
- Website development taking much longer than expected
- Not having enough data to satisfy proposed target market
- Creating project features that are outside of scope

Risk Mitigation Plan:
　　　Identify the importance and scope of each risk, and assess priority to handle each risk. When a risk can be anticipated, then we can implement a pointing scheme that aligns with AGILE development practices.

Version Control:
- **Milestones**: https://github.com/MusaabFaozi/software-dev-milestones
- **Project**: https://gitlab.com/theATeam1
- **Team Meeting Logs**: https://github.com/MusaabFaozi/Team-Meeting-Logs.git

Development Method:
- We will be following the Agile methodology in our development. We will work on building the database and the website independently, then work on the integration layer at the end. For the website and database, we will design them by adding features and design the features independently.

Collaboration Tool:

- We are thinking of using Slack for our general communications. We may consider any other service if it will increase our productivity.

Proposed Architecture:
- For the backend, we will be using MySQL for the database.
- For the frontend, we will design a website that acts as UI for our project. We will investigate the possibility of linking the website to a mobile app, but the website should be functional regardless.
- For the integration layer, we will be using NodeJS to meddle between our website and the database.