

1. Team

1.1. TEAM MEMBERS

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1.2. REQUIRED SKILL SETS FOR YOUR PROJECT

AI modeling: understanding of how to begin building out and testing the model

front-end GUI: creating a user interface to interact with our model

Backend: sending data between front-end and model, and store within database

Database Management: storing data for the model

Communication (within a team and with a client): ensures high intra-team collaboration and understanding of requirements from client and advisor

Cloud computing: deploying front-end, backend, and model

1.3. SKILL SETS COVERED BY THE TEAM

Ella has experience with front-end development working for a company that focused on web development.

Joseph is working on a minor in data science and has a basic understanding of machine learning/AI modeling. He also has 6 summers of interning with a Java development team working with backend applications and Amazon Web Services.

Noah Ross has 2 summers of experience developing User Interfaces on construction/agriculture products. His strengths include human/product interactions and defining customer wants/needs.

Xerxes has two summer internships working as an embedded software developer. He has experience collaborating and working on an agile team.

Alex has two summer internships with one carrying into the school year part time. Between the two internships, he contributed to both front-end and backend projects, giving a range of full-stack industry experience. He has also built personal and ecommerce full-stack websites as well.

1.4. PROJECT MANAGEMENT STYLE ADOPTED BY THE TEAM

As a team, we plan to be a waterfall+agile team splitting our work into different components, which can be worked on in order of importance while organizing the stages of components into stories we can all work on as needed. This will also provide us with the agile reflection step, where we can evaluate our progress and adjust accordingly.

1.5. INITIAL PROJECT MANAGEMENT ROLES

Noah: Team Organization, covers creating team meetings and anything to do team wise

Joseph: Client Organization, sets meetings with the client and handles all emails between the team and the client.

Ella: Minutes Taker, Records the minutes in a shared google doc.

Xerxes: Research, determines best technologies to complete the project

Alex: Quality Assurance, ensures all work meets requirements