

Project Plan

Description

Beekeepers need to consider various factors when deciding where to ship their bees and who to rent their bees to. These factors include geographical location, shipping cost, bee safety, and financial gain to name a few. Such factors are critical in deciding what is best for the beekeepers, their business, and their bees. Our app can aid in beekeepers' decision-making by presenting the cost and benefits regarding specific financial opportunities. Our app is to take in information about beekeepers, their bee colonies, and their potential business opportunities. Our app then analyzes that information for risks and rewards and presents it to beekeepers to aid their decision-making.

Objectives

The purpose of our app is to aid beekeepers in making well-informed decisions regarding their bees and their beekeeping business. The following objectives will guide our project design and development.

- Our app will take in inputs regarding bee colonies. This includes information about colony size, health, and location.
- Our app will take in inputs regarding potential business opportunities. This information includes how many bees are needed, the geographical location, the type of vegetation to be pollinated, the shipping costs, and health and safety risks to the bees.
- Our app will use an equation to analyze risks and rewards to the input scenario.
- Our app will display the analysis to the beekeeper user.

Project Scope

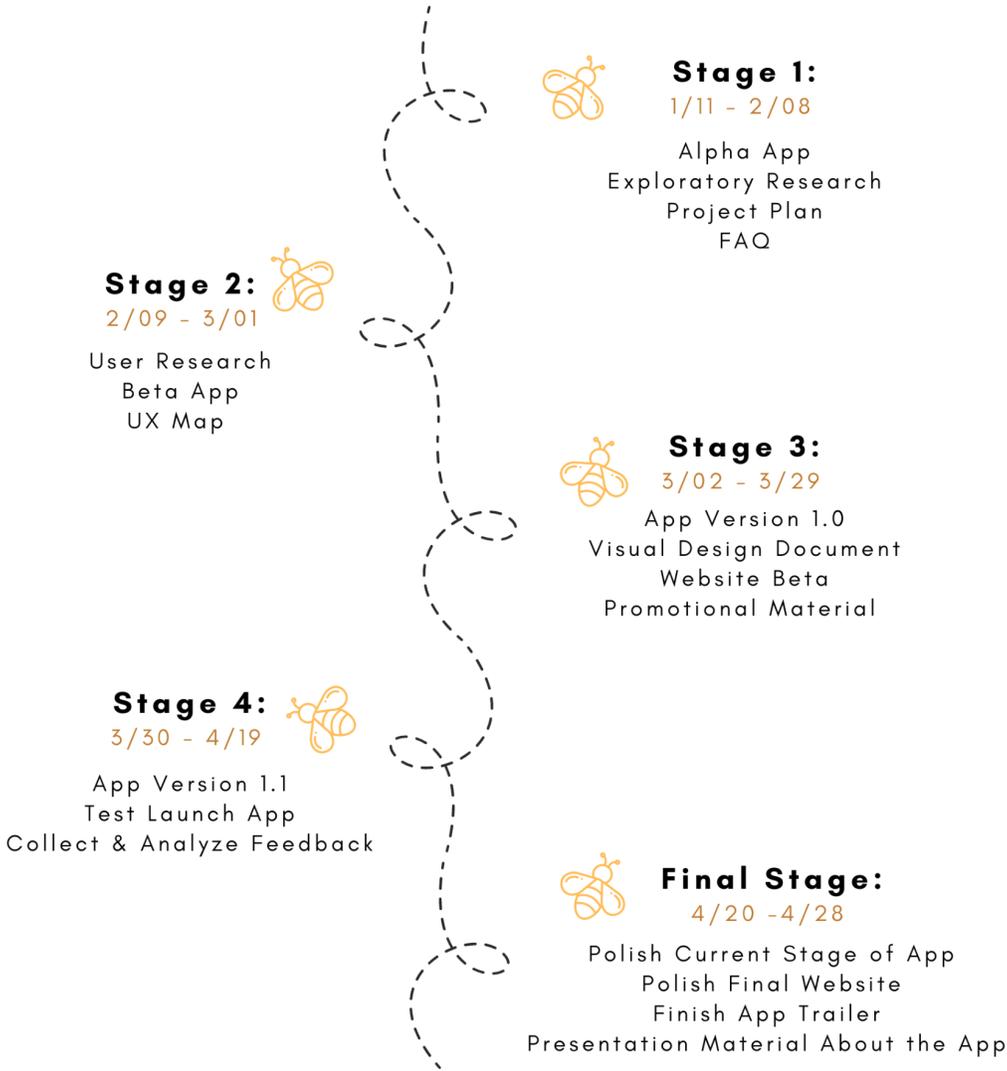
Our target audience is beekeepers who choose to rent their bees. This population can include larger, commercial beekeeping companies or individual beekeepers. In order to maintain focus on our project, we will focus on our app as it pertains to our beekeeper users. Although we could include users such as shipping companies or bee renters, we need to be mindful of the boundaries and scope of this project, given our time constraints.

Our client plans on using our app in a grant application and may broaden the scope of the app as they see fit. However, this will have to be done after our presented prototype. We hope our project will lay a strong foundation for further app development.

Time Frame

The time frame of this project is primarily dictated by deliverable deadlines. These deadlines help us pace our project and prepare us to have a final deliverable to our client.

Below is a projected timeline for our project. We plan on staying flexible during the duration of this project, and our timeline is subject to change. Our timeline is seen below:



Deliverables

By the end of this project, we hope to have a working prototype of our app to present to our client. Additionally, we plan on having a website dedicated to our app and its purpose, a trailer advertising the app and its features, and various presentation media to showcase our work and our research. The deliverables coincide with our presented time frame.

Key Stakeholders

Our client is Dr. Keith Delaplane. He is a professor of entomology and director of the Honey Bee Program at the University of Georgia. His research on bees is expansive and in-depth. Our client hopes to use our app in a grant application to demonstrate the viability of the idea.