

CS303 - Honey Bee Dance Language Translator App

Status Report

Date: October 25, 2020

1) Project Members:

- *Paul Cochran*
- *Christopher Flippen*
- *Chelsea Greco*
- *Vinit Patel*

2) Accomplishments for the week -- and which team members participated/contributed

- *On October 19, we met as a group to continue discussing our ideas about how the project will proceed. This meeting helped us get a clearer idea of how the project will continue and we discussed individual group member responsibilities for moving forward so that communication in the group will be easier.*
- *On October 21, Christopher, Paul, and Chelsea met with Professor Dahlberg to discuss our plans for the project. From this meeting, our plan for the project became to:*
 - o *Set up the camera and computer setup in the museum for when bees arrive*
 - o *Create a UI so that data can be entered manually by museum visitors, educators, or by our group*
 - o *Create a demonstration of how more features of the app will work such as a demo Google Maps integration, an explanation of the AI, and some sample videos to show how the program will use them*
- *On October 22, we presented our ideas to Elli who reacted positively to our plan. We also discussed visiting the museum again so we can set up our camera to which Elli suggested November 12 to visit the museum. Additionally, we discussed inviting SMV's Director of Technology and Innovation, Brandon Smith to a future meeting so we could explain the project and the camera setup to him. Elli stated that she will contact Brandon about the project and tell us what he says. After meeting with Elli, we talked some more with Professor Dahlberg about purchasing the camera as well as some of the specifications for our program. Professor Dahlberg recommended looking into using Python as our language.*
- *After the meeting on October 22, we filled out the purchase form to order a camera and tripod for our bee recording setup. We will purchase the computer and harddrive components later after we have communicated with Brandon.*

3) List of Milestones to be completed and anticipated date (indicate which ones are in danger of not being met)

- *On October 26, we will meet in pairs to discuss different components of the program. Christopher and Paul will discuss the UI and Vinie and Chelsea will discuss the backend components.*
- *Sometime before our October 30 meeting, we will meet as a group to explain our ideas from our October 26 paired meeting*

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- *On October 30, we will meet with Professor Dahlberg and possibly one of the sponsors to discuss our program ideas. Who comes to the meeting will depend on our sponsor's schedules as well as if Brandon contacts us next week*

4) List of issues, problems, or concern(s)

- *There aren't any issues with the project currently*