

CS303 - Honey Bee Dance Language Translator App

Status Report

Date: October 11, 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 5, Chelsea, Vinie, and Christopher met to discuss details of the structure of the bee waggle program. This meeting involved researching how other people have written code for similar projects, writing down ideas for how the program would track bees in their dances, and either describing or finding code for calculating things like the position of the sun and the distances bees dances represent given the dance length.*
- *On October 8, we visited the museum as a group to see the hive and talk with Elli. During this meeting we found out that the museum's hive currently doesn't have bees and will not have bees until mid-March or early April. We still spent time taking measurements of the beehive room and discussing how our recording setup will work*

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

- *On October 12, we will meet to discuss how we will move forward with the project and what components will be realistic to complete this year with the knowledge that*
- *On October 15, hopefully we can meet with Professor Dahlberg and Jeremy to explain our plans for moving forward*

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

- *The museum not having bees until the spring is an unexpected challenge, but our group still feels confident about being able to move forward.*