

Progress Report

- Increment 2 -

Group #17

Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.

1) Team Members

Brady Hopkins BMH20B GitHub ID:bradymh
Kristen McGrath KNM21A GitHub ID:mcgrathk21
Cade Guerrero-Miranda RAG15G GitHub ID:eyarcade
Daniela Sierra DS20H GitHub ID: ds20h

2) Project Title and Description

Title: Jurassic Journeys Description: A mobile iOS game where players guide a pixelated T-Rex across a scrolling landscape with a wireless external controller using up/down buttons to avoid obstacles and achieve a high score. Based on Google's own "Dino Game."

3) Accomplishments and overall project status during this increment

During this increment, the Unity code for the game has successfully ran and is completed in regards to the code. The hardware is finished, all that is left is focusing on connecting the game to the hardware controller via internet. The group has overall made great progress during the last increment.

4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

Some challenges faced during this increment was being able to find time to meet, especially with Thanksgiving break and exam week sandwiching this project. Furthermore, the connecting of the hardware to the software via the internet has presented itself to be a challenge, but nothing insurmountable. So far, there is no change of scope regarding the plan, but we have not fully finished the project yet, but we are close. There was nothing that went wrong thankfully, we are continuing to push forward. We also ran out of time, so we were unable to order a PCB, but we do have a working bread board that can read output and make it into an input.

5) Team Member Contribution for this increment

Dani worked on the software via unity this increment while Cade worked on the hardware. Both of these roles were difficult to collaborate with one another as we only had one copy of the hardware and attempts to collaborate via unity were unsuccessful. Despite difficulties collaborating with these 2 aspects, there was no unequal sharing of work. Kristen wrote the RD, IT, and progress report while Brady collaborated when possible with Cade to work on the hardware and worked with the GitHub. Overall, the contribution and effort from everyone was awesome and equal.

6) Plans for the next increment

Our plans for the next increment include connecting the hardware and software and ensuring there are no bugs. Other than that, there is not much else for us to do.

7) Link to video

. <https://youtu.be/MyVZ-IP3ObQ?feature=shared>