

# **Progress Report**

## **- Increment 3 -**

### **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, we worked to combine the software and hardware portions of our project. This meant being able to use input from our controller in our game.

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

During this increment, the biggest challenge was getting the hardware and software to communicate. There are several plugins that we needed in order for Unity to be able to work with Arduino. Even then changes needed to be made to both the game's code and the controller's code so that they worked with the plugins. In the end, this challenge proved too difficult and we were not able to get them to work together. However, we did have a fully functional controller and game at this point.

#### **5) Team Member Contribution for this increment**

Dani and Cade worked to combine the hardware and software. While Kristen and Brady worked to update the documentation and reports.

#### **6) Plans for the next increment**

There are no plans because this is the final increment.

#### **7) Link to video**

<https://www.youtube.com/watch?v=xrTLMqRuH2k>