Project Name: Spelling Game (app name will be different)

Sponsor: Alea Bunker

Project Team Members, Team – 6: Ruben Rodriguez, Kenyon Bunker, Adrian Lane, Graham Walker.

Project Description:

Create a spelling app for young kids. At a minimum, it should have the ability to take a picture of a spelling list from child’s teacher and add those words to a spelling game.

High level requirements:

1. Integrate an OCR service to consume images
   1. Categorize words by image
   2. Also add words to a master word bank for later use
2. Some kind of progress functionality
   1. keep track of all the things
   2. simple report feature around spelling accuracy
   3. milestones like badges/levels
3. The app will speak the word that is to be spelled using a decent text to speech API
   1. Maybe we can store the word files and map them to words in the word bank to replay and potentially keep API calls to a minimum to manage costs