

Unit Tests

- **Database Code - Python Script using Pandas (Shruti)**
 - We used hard coded string values that served as the potential items processed through the API and stored it in the variable called “word”. We then ran the code multiple times with different values to test all the possible outputs we want to account for in our application.
- **API Code Linked with Camera Code - Swift Code, API Keys (Ruchi)**
 - To ensure that the API was correctly processing the images through our Camera feature, we took many pictures of the same items from different angles to see what the output would be. We saw, as a result, that the angle at which these images are taken are responsible for the discrepancies in the resulting word produced by the API processing.
- **UI Testing (Devanshi)**
 - It is important for us as the developers to be sure that the layout and aesthetics of our application are closest to our imagined goals. In order to test the UI to make sure that the placement of features (buttons, text views, etc.) and the flow of the pages are correct, we re-ran the application via numerous builds.
- **Overall Application Testing (Alysia)**
 - We tested the application on all of our own devices as well as different emulators. Since we all have different kinds of iPhones, it was beneficial for us to see what the display of our application looks like on the different screens.