

# Weekly Development Report 8 (10/30 - 11/05)

This is the 8th Weekly Development Report. This report summarizes the work completed from **Sunday, 30 October, to Saturday, 5 November**.

## 1. Group

## 2. Individual

### 2.1. Carlo Diaz

No major updates

### 2.2. Spencer Hite

### 2.3. Paolo Ihde

Finished skeleton page for Art Guardian sign-in page, and worked on merging it with main.

### 2.4. Brandon Kidd

Launched a S3 bucket and attached to Amplify Backend to hold Art images. Made the DynamoDB database accessible, started the Artwork metadata Data Model.

### 2.5. Autumn Roberts

### 2.6. Michael Thompson

Implemented an ORB image matching algorithm and adjusted weights.

### 2.7. Tobin Zheng

Implemented a working image matcher based on the ORB feature-matching algorithm. Adjusted weights and tested rotational and cropped invariance.

