Weekly Development Report 7 (10/23 - 10/29)

This is the 1st Weekly Development Report. This report summarizes the work completed from **Sunday, 9 October, to Saturday, 15 October**.

1.   Group

Frontend:

- Merge navigation bar component and registration page into main branch

Backend:

- Tested and adjusted Image Matcher.

2.   Individual

2.1. Carlo Diaz

Completed the design for navbar; buttons currently have no function, but will be added once skeleton pages are setup

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.