Please provide the following information to be shared with on capstone information exchange platform:

1. **Project number:**
   16

2. **Project title (as will appear on the poster):**
   Augmented Eyewear for Online Commerce

3. **Team members:**
   Jack Aquino, Matthew Chan, Augustus Chang, Robert Gross

4. **Adviser(s) name(s):**
   Professor Kristin Dana
   Professor Hana Godrich

5. **Up to 10 keywords that will help to classify the project:**
   Computer Vision
   Machine Learning
   Augmented Reality

6. **Project abstract (up to 200 words) to be shared with judges:**

   Today, nearly every major retailer has an online counterpart. These virtual shops allow customers to easily purchase goods and services over the internet. Though convenient, one drawback of online shopping versus a conventional brick-and-mortar store is the inability to try items on and come to an informed decision - this is especially true of clothing and accessories.

   We propose a solution for these problems by using Augmented Reality to create a virtual 3D try-on application for online eyewear retailers. To accomplish this, we use machine learning tools like neural networks to identify a user’s face, software like Unity to arrange the 3D models, and Javascript to design a web application.