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

1. **Project number:**
   S18-44 (4)

2. **Project title (as will appear on the poster):**
   A smart door recognition system

3. **Team members:**
   - Huayu Zhao (PoC)
   - Zhuohang Li
   - Ruiyu Zhang
   - Zhaoyi Xu

4. **Adviser(s) name(s):**
   - Chung-Tse Michael Wu

5. **Up to 5 keywords that will help to classify the project scope:**
   - Arduino, Machine Learning, TensorFlow, Java, Database

6. **Project abstract (up to 250 words) to be shared with judges:**
   This is a smart door recognition system based on Arduino, TensorFlow and java technique. We consider to build this system for smart home so that people could use their face information as a key to unblock the facilities at home. Based on this model, we can even develop commercial product so that it could be not only cheap and low-power but also an important to build a smart home system.