**Personal-Facial-Identification-System**

This is the repository of Group HGCG for the final project of Advanced software engineering

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**Abstract:**

We are working towards integrating facial recognition into our everyday lives. The system will identify the user as he/she walks in through the door and play their favorite song.

**First Iteration:**

For our first iteration we have gotten the facial recognition API set up and are able to draw and test similarities between different people’s pictures. We have also been able to set up a server to hold the data- picture of person being identified, favourite song, user name and password.

**Technical Components:**

1. We are using the face\_recognition API available on Python and compatible with dlib.
2. We were initially thinking of using a Raspberry Pi but were not able to because of technical difficulties with installing dlib and so proceeded with just using our laptops
3. We are using the Django server as our database and authentication system.