

## CS512 Project Instructions

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### 1. Instruction Details:

This program relies on having reference images to compare to. Each of these images are stored in Project/reference. As seen below, these pictures were chosen to be some card (gift card, ventra card, ID card, etc...). In order to test the application, you should obtain a similar card. If the card is similar enough (Ventra card), the program will most likely detect similarities and display the object. If you would like to customize your card, please replace one of the images in Project/reference with an image of your card.

**Note: The image names should remain the same. (ie: If you are replacing *pi.jpg* with a different gift card, you should still name it *pi.jpg*).**

We chose these cards based on their unique set of features, as explained in the written paper. If you would like access to any of these cards, feel free to reach out to either of us and we will be willing to bring them in for a test session. Additionally, we will provide a video demo in the slides that can be accessed upon request.

### 2. Example Cases:



