**Solution One:**

**Physical implementation:**

Large touch screen

second floor stair front

Displays prof info and class/lab info

**Components**:

Large touch screen display.

**Basic Stack:**

HTML, CSS, AngularJS

PHP/Java Spring

C# (insert backend language here)

SQL - if needed

**Solution Two:**

**Physical Implementation:**

many smaller touch screens

second floor stair front, major second floor entrances

Displays prof info and class/labinfo

**Components**:

many relatively small touch screen displays.

**Basic Stack:**

HTML, CSS, AngularJS

PHP/Java Spring

C# (insert backend language here)

SQL - if needed

**Global Features:**

**Info displayed:**

How much? Name, email, room#, etc, etc

Information resource?

**I really like the idea of an interactive bird's eye view floor plan of the second floor:**

You are here visual line to your destination.

**Dynamic data based on student:**

using a card reader or UID input for personalized solutions.

SIS api?....... lets not get ahead of ourselves.

**Remote-able:**

Being able to access and change the boards remotely I think is a must have.

**Scalable design in mind:**

Coding, keeping in mind reusability and scalability for say multiple departments, or colleges...