**ITM Project- Student Location**

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| Divine Uloko, Stephanie Ota, Maryam Shah | Mary Rose Donnelly | College details, Student Details, FloorID, RoomID |

**What’s the goal?**

* Get real-time location information from a student card sensor.
* To know how long they’re at the location
* Store and show each student's location history.
* Display students’ information

**The Info we need to display:**

* **College details-** college name, college id
* **Student details**- Student ID ,Student Name, Phone
* **Floor-** Floor id, floor number
* **Room-** Room id, room number
* **Sensors-** Sensor id
* **Locations –** Location id, latitude, longitude

**What we want our system to do:**

College Details:

- Display data about college, including name and id.

Student Details:

- Display student information, including ID ,name and phone.

- Give the users the option of selecting the name/id

Floor and Room Details:

- Add a dropdown or selection option for floor and room IDs

- Provide information about each level and room, including capacity and availability.

User Interface:

- Filter options to enable users find relevant information-filter by floor id/room id

**Topics:**

Company

Student ID

Sensor ID

Latitude

Longitude

Use Case:

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