# Project Plan

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Y4: Adam, Alejandro, Ammar, Brendan, Dakshit, Joshua, Marek

Tutor: Dr Mustafa

#### **MVP** Features

- 1. Occupancy information and heatmap (GET request)
- 2. Report crowd level (POST request)
- 3. Integrate user reports (Algorithm and PUT request)
- 4. Calendar and study time feature (GET request)
- 5. Save user study time blocks (PUT requset)

# **Secondary Features**

- 6. Location suggestion
- 7. Find a study buddy pairing (Algorithm)
- 8. .ics calendar upload feature (PUT request)
- 9. Study buddy DM chat feature

## Extra Features

10. Location services (foreground)

## **Ambitious Features**

11. Native mobile apps for background location services

#### **Gantt Chart**

