Team Name: Jimmie Cox, Nick Heyart, and Kristin Johnson
Report Number: Jan 20 to 26
Reporting Week: 1/20/2025 – 1/26/2025

Summary of work completed in prior week:

We had a group meeting where we discussed how we should approach the campus map project, acquired a copy of the floor plans for the entire Dayton campus, and established a workflow for translating the PDF floor plans into an interactive map. We then discussed our approach during our customer inteview, making sure that our priorities reflected what the customer actually wants.

Summary of work planned for next week:

We plan to make advances on how the pathfinding information is displayed to the user, making it consistent with existing maps apps. We also plan on doing our weekly meeting every Tuesday after the Tuesday class around 12:30.

Open issues and action plan to resolve them:

- No way to pan/zoom map
  - Implement mouse/touch controls
- Godot's pathfinding system runs right up against walls where it would be better to stay near the middle of hallways
  - Find parameters in Godot that fix this, or find a way in Blender to add margin between the edges of the navmesh and the rendered walls.

Project management summary

Team member	Tasks completed	Hours worked for week	Total hours
Jimmie Cox	Contacted facilities and acquired campus floor and general maps. Set up private github repo	5	6
Nick Heyart	Built segment of Russ map, got basic pathfinding working in Godot	9	10
Kristin Johnson	Created partial initial interview questions list, began sourcing building descriptions, watched vids about Godot	5	6

Meeting summary

For each team meeting provide the date, time, and location of the meeting. Indicate which members attended the meeting and itemized action items discussed in the meeting.

Date: 1/21/2025

Time: 9:00 AM – 12:00 PM

Location of Meeting: Dunbar Library 2nd Floor

Who Attended: Nick Heyart, Kristin Johnson, Jimmie Cox

Items Discussed In Meeting:

      -Programs to use (Blender and Godot)
      -Basic info like setting up GitHub and other items
      -Dicussed Interview questions and things to consider
      -Talked about the format of the program (Website or app)
      -Talked about scope of the project
      -Talked about getting floor maps from facilities team (David Kendrick)