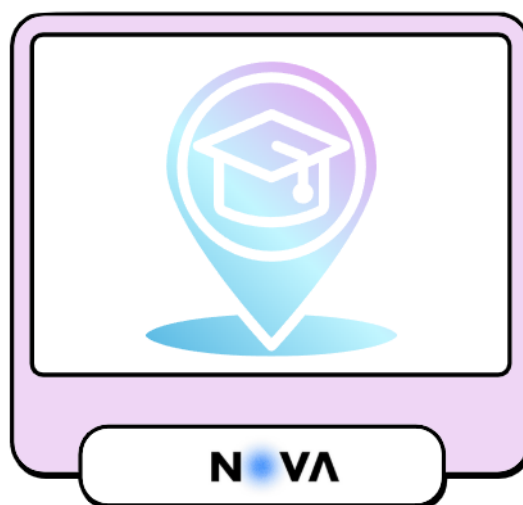


**Interação Pessoa-Máquina**  
**2025/2026**

# **Classroom Finder App**

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## Stage 1: Project proposal



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## **Problem**

New students on campus often face the problem of finding the correct location for their lectures. While the schedule may provide a building and room number, students frequently do not know where these places are. They may consult a campus map and locate the building, but once inside, the layout can be confusing, with numerous hallways and doors. This can lead to frustration and wasted time as they search for the classroom. In many cases, students have no choice but to ask a staff member for directions, which can result in arriving late to the lecture.

## **Project Goal**

The main goal of this project is to help mainly students but also teachers navigating through the campus more easily and reach their classes on time. The project proposes a mobile app that integrates students' and teachers' personal class schedules with a GPS-style campus map, guiding them directly to their classrooms. It aims to reduce confusion, stress and delays.

## **Users**

User Class 1: New Students / Staff

- Characteristics: Freshmen or Erasmus students, or new staff with little to no knowledge of the campus layout.

User Class 2: Students during Campus Construction

- Characteristics: Students of any year, who must navigate the campus while certain buildings are under construction

User Class 3: Teachers during Campus Construction

- Characteristics: Teachers who must navigate the campus while certain buildings are under construction