

Group #11

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Idea #1: UVic Residence Room Availability System

Problem:

Currently, residence rooms are assigned at the beginning of the year through a lottery system

Every year residency rooms are left empty despite the demand for housing throughout the year after rooms are assigned

This causes UVic to lose money and makes it harder for students to find available rooms in the on-campus residence

Solution:

A system that lets you monitor room availability after dorm assignments and throughout the school year

Provides in-depth information on buildings, floors and available rooms

Allows student to filter room types (Cluster, Pod type, Single, or Double) or neighbourhoods (substance free or Living Learning Communities)



Idea #2: Course Schedule Generator

Problem:

The course selection process is very time-consuming and manual

Students are required to work out pre-requisites, required courses, lab sections, tutorials and eligible electives themselves

There is plenty of room for automation in this process, saving valuable time for students, and allowing them to create optimized course schedules

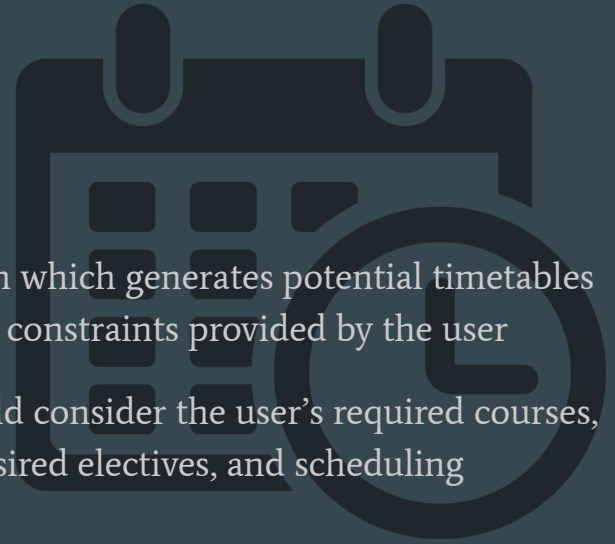
Solution:

Develop a system which generates potential timetables based on a set of constraints provided by the user

The system would consider the user's required courses, prerequisites, desired electives, and scheduling constraints

Out of the users desired courses, the user could list them in order of importance, and based on all the inputted data, the system could automatically generate potential timetables

The user could then select and modify timetables to their liking



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