- Project description:

UniTime is a comprehensive educational scheduling system that supports developing

course and exam timetables, managing changes to these timetables, sharing rooms

with other events, and scheduling students to individual classes.

It is a distributed system that allows multiple university and departmental schedule managers

to coordinate efforts to build and modify a schedule that meets their diverse organizational

needs while allowing for minimization of student course conflicts. It can be used alone to

create and maintain a school's schedule of classes and/or exams, or interfaced with

an existing student information system.

The approach:

We used Opportunistic Approach to understand the comprehension of the code, first we started with top-down and got an overview of the functions of the program like exam timetables and managing changes to these timetables , then bottom-up when we looked at the code to verify the resulting from top-down earlier and that’s what helped us to suggest the new feature that we are going to purpose.

- Feature description:

We realized in the flags section of the code that there is a lot of flags which are missing and could be useful to help in writing a more comprehensive and clean code . such as

1-isVacant()

2-isActive()

3-isNotUnique()

4-showParentWhenfull()