

13 August 2018 [12:00pm - 12:40pm]

Software Design Project Meeting

Project name: Classroom Scheduling

Missing Data Information:

- Maximum venue capacity
- Equipment available on venue information

Backlog

- Ability to book venue for tutorial or lecture also specifying the course code, time allocation and size capacity
- Ability to load information (from school administration side)
- From entry be able to see the available venues ~~for~~ to accommodate the capacity of the class
- Have a deadline for bookings
- On the end-side (PMD administrator) must be able to click a "generate" button to generate venue allocation and if there are unsatisfiable condition there must be a notification
- After resolution of clashes or/and unsatisfiable conditions send the provisional venue allocation back to the schools
- PMD administrator should be able to edit the data of the course that has clashes after communicating with the respective lectures for that particular course and re-generate the venue allocation
- Accept late submission and only allocate venues that are left from the venue allocation
- Since the provisional venue allocation was done on guess numbers. At the beginning of the year (after registration) school administration and/or lectures should be able to get/import the actual number of the class size and do another guess venue allocation together with the late ~~regis~~ submission and see if the venues are still

properly allocated.

- After the final venue allocation there should be another notification sent to school admins and lectures who requested venues.
- Ability to generate timetable for students from student number and course code
- Venue must also have more information like the equipment available on the venue

System is Web based. (MySQL)

In the mean time for venue maximum capacity we can use the biggest class capacity that wants to use that venue (from the data)

Systems that we need to integrate with:

Login system uses the Vits active directory

Student login: students/studentNumber

Staff login: ds/staffNumber

Using LDAP

Students must only be able to access the final timetable

Sprints:

1. Login and apply from school admin and lecture side, and from PLMS admin they should be able to see the status of application
2. First round of allocation and solve allocation problem
3. Implement remaining features and polish

Detailed sprint 1. login and apply

- Login (Admin, lecture)
- Apply for venue (reupload)
- Email notification to lectures reminding them to finish their application, and also notifications should be sent daily email reminders when there is 7 days left before deadline.

Standard update:

Create, Read, Update, Delete

(For both lectures and PIMD admins)

System only allocates venues for lectures and tutorials

Things to get update on:

- Update about a meeting with the head of PIMD
- Get venue max capacity
- Get venue equipment information
- Get CNS login detail procedure (Richard)