

OOP Project Meeting

2020-02-11

Main goal: Java application for reserving rooms at Tu Delft for desktop

Users: Students and employees of TU Delft

- Must have
 - Users can create accounts
 - Users can see details of rooms (name, size, facilities, etc.)
 - Users can see schedules of rooms
 - Users can see organized view of own reservations
 - Users cannot see any information of other users' reservations other than rooms being reserved
 - Users can filter rooms (by buildings, size, facilities, etc.)
 - Users can make one reservation at the same time
 - Reservations can be made on 15-minute interval
 - Reservations can be made within open hours of buildings
 - Reservations can be made at least 1 minute and at most 1 month before
 - Reservations can be cancelled at any time
 - Students
 - Can reserve rooms with less than or equal to 20 seats
 - Can reserve rooms for at most 4 hours
 - Can make at most 2 reservations per day
 - Can have at most 5 reservations at any time
 - Employees
 - Can reserve any rooms
 - Do not have any limitations on number of reservations
 - Administrators
 - Can set other users as employees or administrators
 - Can add/remove buildings/rooms/reservations/accounts
- Nice to have
 - Bike rent
 - Bikes have unique ids
 - Users can rent one bike at one time
 - Users can rent bikes for at most 4 hours
 - Users can rent and return bikes at any buildings
 - Users can rent bikes twice per day
 - Users can see number of available bikes at buildings
 - Administrators can know who rented which bike
 - How to use application
- Good to have but hard to implement
 - Map