OOP Project

Room, food and bike service

Generic information

Group number 28
Client TA: Yoshi
TA: Cathrine Paulsen (Mattermost: @cpaulsen)
Trello: [click here](#)

Issue: There's no system that works everywhere. Hence they are ordering one.
Platform: Desktop application.

To-do

Move this all to git / trello.

Meeting 1

Audio file: https://mattermost.ewi.tudelft.nl/oopp-19-20/pl/yfp93sh4cf8k7q6xy5669t8pwy

Summary

The client is the product owner who represents TU Delft itself. The client requests a desktop application in java that has three main features. Room reservations, bike renting and food purchasing.

General information

- Statistics
- No payment system (outside the scope of this project)
- List opening times
- Authentication

All users should authenticate themselves. The passwords be secure so they should not be stored in plain text and use actual encryption.

- Usernames
  - Only accept tu delft emails
- User profiles
  - Staff/Employee
  - Student

There should be two user profiles and those should be identified by their email.

Should staff have special permissions to prohibit / close a room?

Room reservations

List of features
- The room should be able to be rented by any student
- One student can only rent one room at a time.
- The room should be able to be rented from the opening hours of the faculty
  - Should be closed on holidays
- The room should offer details about itself
  - Beamer
  - Whiteboard
  - Capacity (people)
  - Size (m^2)
- Feedback / report / comment after renting a room
- Permissions (e.g. employee only).

GUI

Almost no requirements besides 4 critical ones
- Clean
- Intuitive
- TU Delft house style
- Easy navigation

User profiles

- Able to see history of bookings / purchases

Food service

- Review system (thumbs up / thumbs down)

- Order food with pickup times
- Filter on food type and allergies or diet (vegan for example)

Bike rentals

- Bikes never break
- Take into account one way trips
- Keep track of how many bikes at which faculty
- Show if bike available
- Students always pick up their bike and travel
- Bike reserving / scheduling
- Feedback after use