

Minimal Requirements - Reservation Tool

Architecture

- Client-/Server implementation
 - o Server implemented in Java
 - o Client is browser-based (HTML/CSS/JS)
- Server-side database stores relevant data
 - o E.g. accounts, reservations, etc.
- Stateless communication (RESTful)
- Locally testable/installable

Functional

- Administrator
 - o There is a pre-defined administrator account
 - o The administrator can login and logout
 - o The administrator can create an account for a member
 - o The administrator can create/delete/move reservations
- Member
 - o Members can login and logout
 - o Members can create a reservation
 - o Members can delete/move their own reservations

User Interface

- Server
 - o Does not have a user interface
 - o Does not write to the console
 - o The server does write log entries to a text file (e.g. "Albert logged in", "Albert created a reservation")
- Client
 - o The client runs in a standard browser
 - o The interface is not totally ugly