

CommandLineInterface - Controller

- Parse user input from Command line and call corresponding commands

Schedule - entity

- lectures
- tutorials
- addLecture
- addTutorial

- Session

Course - entity

- courseId
- Lectures
- Tutorials
- getCourseld
- getLectures
- getTutorials

- Session

Session - entity

- sessionType
- assignedRoom
- sessionStartTime
- sessionEndTime
- sessionDay

APIWorker - Frameworks & Drivers

- Info: JSON info for this course
- Semester: Semesters it's offered in
- readUrl: get JSON info from API for course

Filter (Interface) - Use Case

- checkSchedule: Check if schedule meets Filter's criteria

- Schedule

TimeFilter - Use Case

Filter

- earliestTimeAllowed
- latestTimeAllowed
- checkSchedule: Check if courses in Schedule are in allowed time range

- Schedule

Scheduler - Use Case

- schedules
- courses
- createSchedule

- Schedule
- APIWorker
- Course
- Filter

IcsCreator - Use Case

- createEventICS: Export an ICS file for this event

- Session