**CLS**

**Name: Crew Logistic System – CLS ` Module: Project Client: Pinnacle Crew Ltd.**

**Deadline: By end of academic year. TBA**

**Project type: Agile.**

The System will be created with following technologies:

* Spring Boot framework – backend
* React JavaScript Library – frontend
* MySQL Server – database
* Bootstrap CSS Library – design

The challenge requires developing a crew logistic system. The system will have functions such as:

User Roles:

**Admin**

* Create new jobs.
* Add a new crew to the system.
* Send message to crew
* What else ? Ask director

Manager site activities(links?):

* Create new job
* Add new crew
* Messages
* My profile settings

**Crew**

* Send CJA, automatically also send SMS Reminder about upcoming jobs
* See upcoming jobs
* See all available jobs
* Availability in advance
* Calendar with jobs
* Book holidays
* Dashboard:
* Notifications of messages
* List of all done jobs
* Total hours to now / wallet
* write a report if applicable (crew chief)

Crew site activities :

* Available jobs - this should be updated on real time
* My profile
* Upcoming jobs

General communication

Job specific communication

Accept, Decline for job

update job

Entities

User:

* firstName STRING
* lastName STRING
* address ADDRESS
* phone STRING
* email EMAIL ??
* status STRING
* role (manager, crew) ROLE
* isAvailable (boolean) schedule ?? BOOLEAN
* isCrewChief BOOLEAN
* skillCode ??

Job: DATA TYPE

* jobNumber INT
* dateTime( timestamp?) TIMESTAMP
* jobDuration INT
* numberOfCrew INT
* address ADDRESS
* clientCoName STRING
* siteContact STRING
* crewChief STRING
* driverRequired BOOLEAN
* driverName STRING
* remarks (No shorts etc.) STRING
* comment STRING
* crewList STRING

?? CrewList:(extends job) ??

* crew - list

Address:

* venueName STRING
* localNumber INT
* street1 STRING
* street2 STRING
* city STRING
* postCode STRING
* country STRING

Confirm Job Attendance CJA:

SMS Reminder Pattern

CJA firstName, lastName, startTime,jobDuration, venue

Tailwind css – library mobile first

Yup – for validation JS