COMP3111 Milestone 3 Report

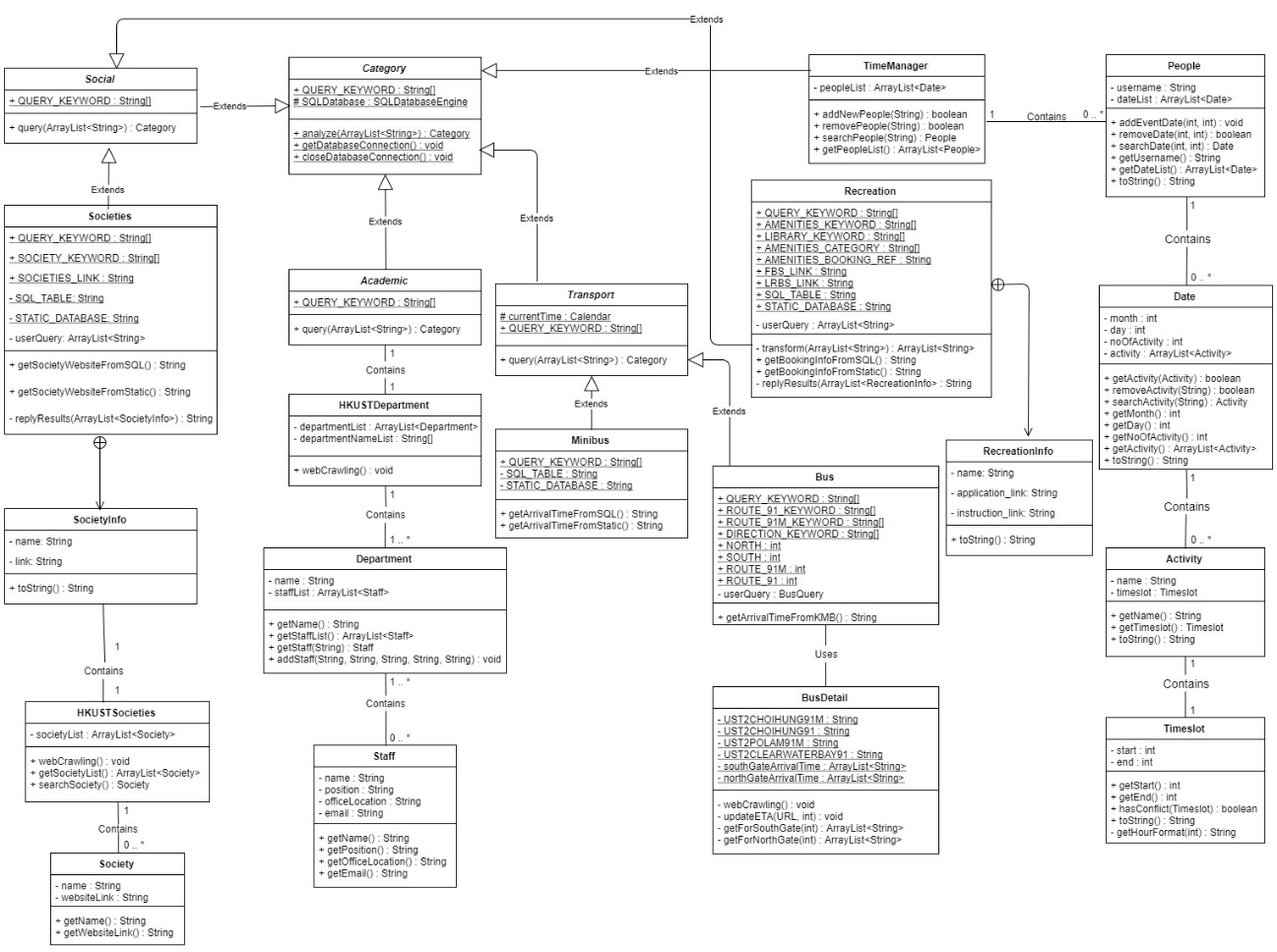
**Topic : HKUST Freshmen Chatbot**

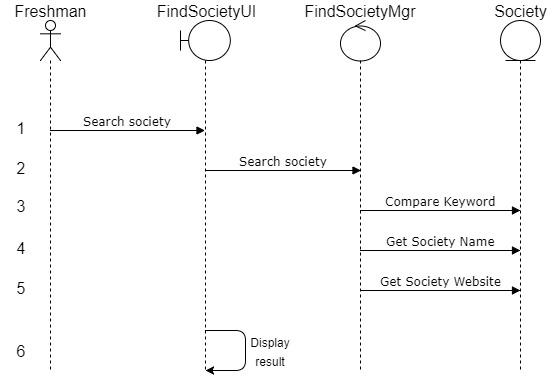
Team Members : Chan Yee San Samuel, Leung Cheuk Nam, Liu Yan Ho, Fung Yuk Cheung, Lai Yui Fung

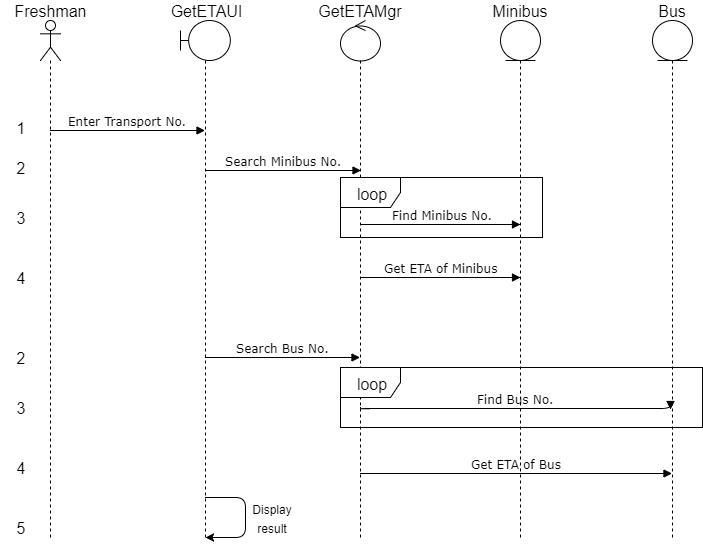
**Part 1**. URL to bitbucket repository containing source code

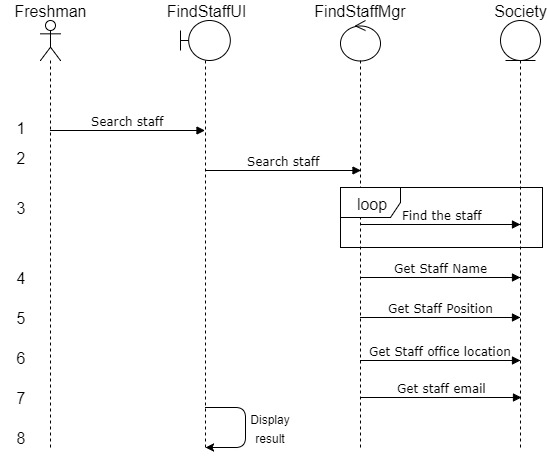
<https://bitbucket.org/projectgroup18/ust-freshmen-chatbot>

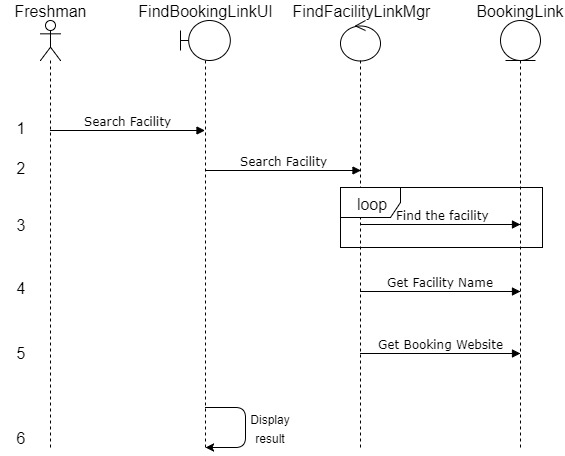
**Part 2**. UML Class Diagram and Sequence Diagram of Project

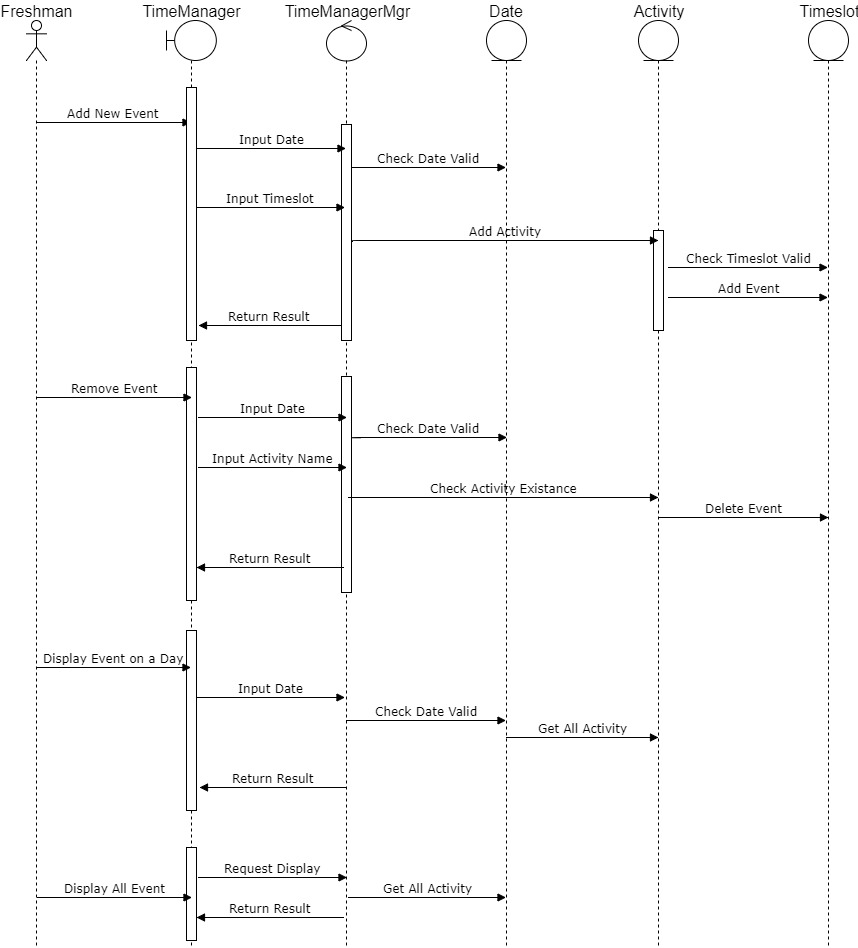








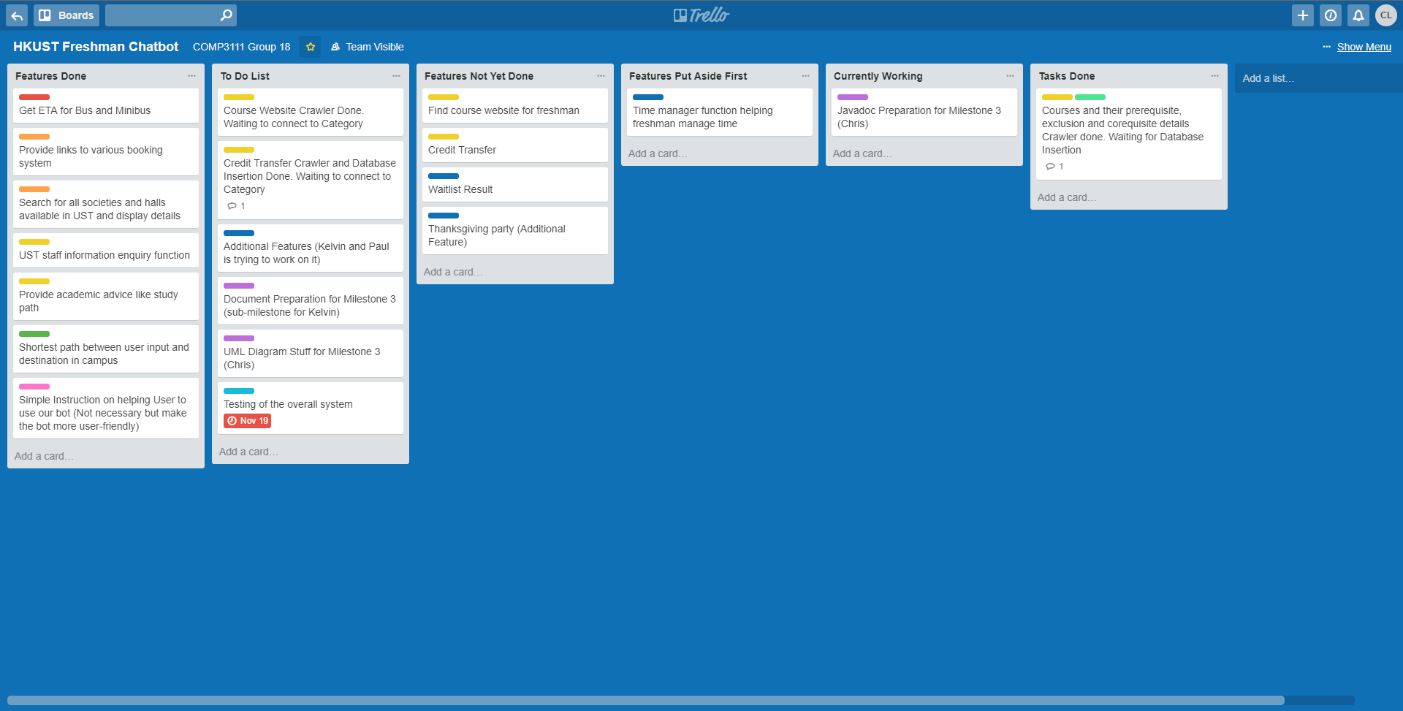




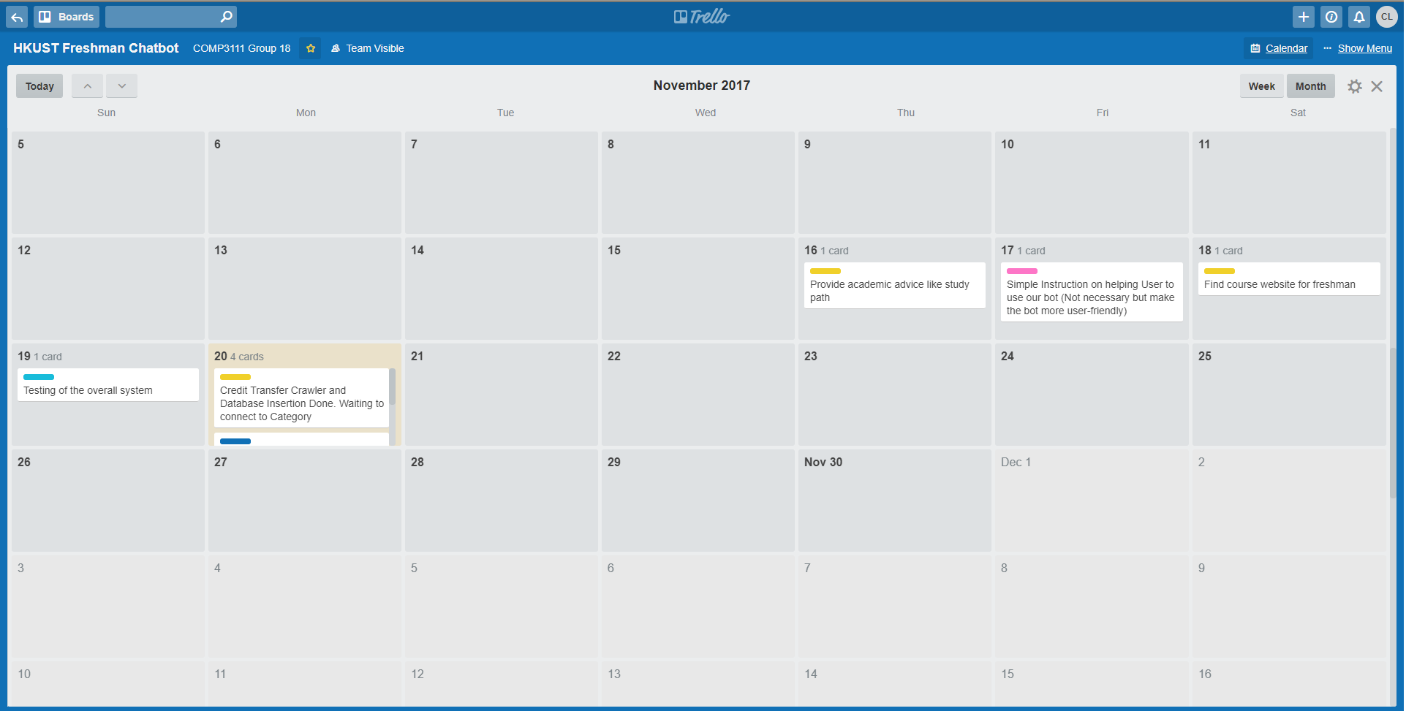
**Part 3**. QR Code of LINE chatbot



**Part 6.** Screen cap of project management tool



Make features as milestones and pin them on board to remind teammates.



Make use of Calendar to view the deadlines more clearly.

**Part 7.** Table of features approved in Milestone 1 and corresponding progress

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Features | Is Completed? (Y/N) | Sample Test Cases (if completed) | Expected Result | Checked (by TA) |
| Feature 1 – Return ETA for the shortest path between user input and destination in campus | N | N/A | N/A | N/A |
| Feature 2 – Find course  website for freshman | N | N/A | N/A | N/A |
| Feature 3 – Provide academic advice for freshman like study path | N | N/A | N/A | N/A |
| Feature 4 – Time manager function to help freshman plan their schedule wisely | Y | Add Event | Return “Event added” |  |
|  |  | Remove Event | Return “Event Removed” |  |
|  |  | Display Schedule of freshman on particular day | Successfully display the schedule within the inputted date |  |
|  |  | Display all event for the freshman that he has inputted before by using back his registered username | Successfully display all the schedule and event coming up for the freshman |  |
| Feature 5 – Provide links to various booking system of campus facilities to freshman | Y | Ask the chatbot where can we book a room by placing keyword like “music room” in middle of sentence | Return corresponding link successfully |  |
|  |  | Ask the chatbot with keyword outside of the database | Return corresponding replacement for suitable room booking link |  |
| Feature 6 – Get ETA for bus and minibus that available in campus like 91, 91M and 11 | Y | Ask the chatbot the arrival time of minibus by placing keyword “minibus”,  “minibus 11”, “11 minibus” at the end of sentence | Return the ETA of minibus successfully |  |
|  |  | Ask the chatbot the arrival time of minibus by placing keyword “minibus”,  “minibus 11”, “11 minibus” at the middle of sentence | Return the ETA of minibus successfully |  |
|  |  | Ask the chatbot the arrival time of minibus by placing keyword “minibus”,  “minibus 11”, “11 minibus” at the end of sentence | Return the ETA of minibus successfully |  |
| Feature 7 – Search for all societies available in UST, displaying name and website to freshman | Y | Ask the chatbot by placing keyword like “film society” at the end of sentence | Return corresponding info of society if there are any matches |  |
|  |  | Ask the chatbot by placing keyword like “nature club” at the front of sentence | Return corresponding info of society if there are any matches |  |
|  |  | Ask the chatbot by keyword “UST Soc” inside sentence | Return results with “There are a variety of UST societies” inside |  |
| Feature 8 – UST staff information enquiry function for freshman,  Provide office location etc | Y | Ask the chatbot about information of staff in UST by exact staff name in middle of sentence | Return the information of the staff successfully, like their office location and email |  |
|  |  | Ask the chatbot about information of staff in UST by staff last name | Return the first occurrence in our database with the staff of matching criteria |  |
| Feature 9 – Login freshman SIS and get waitlist result if any | N | N/A | N/A | N/A |
| Feature 10 – Get freshman input and check if their course can apply credit transfer | N | N/A | N/A | N/A |