Group 18
Mentor: Philipp Wicke
Members: Anna Ryzova, Peng Ye, Chen Shen

Software Engineering Project

Online Daily Meetings starting from 29.03

(We held our discussions in a Facebook chat before that date)

https://comp30670phil.slack.com/

N	Date	Peng	Chen	Anna	C

1	29.03	1. Learn Scrum from Professor during practical meeting
		
		Tomorrow:
		
		   1. Work with chen on Spring plan meeting
		
		   2. Work with chen on EC2 and RDS deployment
			1. Learn to use the flask to fetch the data and we should change the way to continue our project.
			
			Tomorrow:
			
			1. Will run the flask in my environment with the help of Peng and finish the part of adding in bike station info into the google map and try to draw the pictures about the history bike station
			
			2. work with peng on EC2 and RDS deployment
				1. Learn Scrum from Professor during practical meeting
				
				Tomorrow: Start working remotely on the Project plan revamp.
					☐

2	30.03	1. I worked with Chen on EC2 instance's deployment with Chen's account. we resolved some problems on that and the EC2 instance can run flask and mysql inserting jobs automatical. It tooks about 2 hours in total
		
		   2. chen and me discussed on one difficulties on bikeinfo map displaying. It was not fixed yet. We need to move all code onto EC2 instance for the further investigations.
		
		Tomorrow:
		
		   1. Sprint plan
		
		   2. bikeinfo map
			1. i install our work to the EC2 with the help of Peng and talk about the flask and web application
			
			Tomorrow:
			
			   1. We will meet at ucd in 10:00 am
			
			   2. Peng and me plan to talk about the Sprint plan and solve some technical problems like how to use flask to connect database and use the flask to fetch the data and apply in the web app
				1. Created a separate document for our daily online meetings at 9pm Tomorrow:
				   1. I will start on our Sprint plan too, and will finalize my points for the new Project plan for Monday.
					☐

		displaying issue			
3	31.03	1. Worked with Chen on Sprint Plan and project design, we finished high level design on both front-end and back-end (3 hours) 2. I wrote document on Data Analytics Requirement and Draw a structure figure on Back-end (2.5 hours) 3. today, we also discussed on timpstamp convertion method (0.5 hour) 2. 1. write the detailed design on both back-end and front-end, and also make details on Data Analytics Requirement (1.5 hours) 2.write schedule jobs with those details, not for individuals, just roadmap (1.5 hours)	Today: Today, Pend and me use three hours to talk about our data analysis requirements and the rough design of back-end and front-end. Tomorrow: Tomorrow, Pend and me will meet at 10 am and talk about how to realize displaying the data and the functions of back-end and front-end.	Today I finalized my points for our Monday meeting. Tomorrow I will look at the second task of the weather part (graph). Everything is ok, no issues so far.	☐
4	1.04	Today's work: 1. Worked with Chen	1. Today Peng and me have a talk about the Data Analytic	1. Today I looked at the second part of the	☐

		on details of Data Analytic Requirement and the details of Front-end part. We revised some contents of yesterday's draft and we enriched many new contents as well. (2.5 hours) 2. I integrated both Chen and My ideas onto 2018 Project Design and Plan (1.5 hours) 3. Worked with Chen on integrating his bike demo onto EC2 flask server. And I showed the method on using flask python instructions to create virtual domain and folder. (20 minutes) Tomorrow work: 1. Keep on discussing on 2018 Project Design and Plan, we will focus on Back-end part details and if it is possible, we will also discuss on weather info web page with Anna. Moreover, we might need to list all the necessary tasks and the related schedule based to our left project working days. (2 hour) 2. Document on the tomorrow discussion results onto 2018 Project Design and Plan. (1~2 hours)	Requirement and the details of Front-end part. And we have a more clear picture about our project. 2. Tomorrow, all of us will have a meeting together and talk about our project plan and detail the features in the next few days.	weather (graph) and broke it into tasks. Revised the new project plan 2. Tomorrow we'll meet at 11 to finalize the new plan.	
5	2.04	Today's work: 1. Having meeting with Anna and Chen and went through on the meeting agenda (1.5 hours) 2. Wrote back-end features document (1 hour) Tomorrow: 1. Meet with Professor and Philip to discuss more about our project's details.	Today, Anna, Peng and me discuss the project plan and go through the meeting agenda. And we also talk about the front-end features and I use 1 hour to write down the features into a file. Tomorrow, we will have the Sprint 2 meeting and discuss the front-end features. And then we can start our features after the meeting.	Today: 1. we had a meeting and discussed our new Project plan and Design. 2. I emailed the minutes of this meeting to all of us. Please follow them and take an action if needed. Tomorrow: we'll meet during our practical to discuss our backlog. Will we have our Sprint 2 meeting tomorrow	☐

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		2. Front-end design and plan discussion or development			
6	3.04	1. Resolved the problem of Marker displaying on google map (2~3 hours) 2. Have sprint meeting with Professor (30 minutes) 3. Update back-end Features on document (30 minutes) 2. 1. Meeting with Chen and Anna (20 minutes) 2. work on Bike station features' implementation (2 hours)	1. Today, we have the Sprint 2 meeting with the teacher. And I renew the features which need to be finish in the second period. We need to focus on the charts together in the few days. 2. Tomorrow, we should start the feature of P1 level. After finishing the backlog, we can decide the feature we need to do tomorrow	Today we had our Sprint 2 meeting and I put together a new backlog, our meeting agenda and the minutes. Tomorrow I need to get some insight on what task am I responsible for and start doing it.	☐
7	4.04	1. we have discussed on our tasks and features. 2. I worked on charts.js and I have finished installation the package onto EC2 instance. The chart demo is working in some browsers Tomorrow: I plan to keep on working on chart6's development Problem: It looks. that Charts.js does not work very well. Some end-users can see the chart with Chrome (like me), but some others (Anna) can not. We need to	Today, I combined all the features into a single document. And I have already install the Chart.js and begin drawing the chart1. Tomorrow, I will focus on the chart 1 and chart 2.	Today we briefly discussed our tasks to clarify who is doing what next. My task is chart 4 (rental vs temperature), and I am looking at it now - will send an email on that later today. Tomorrow I plan to continue working on it.	☐

		investigate on that.			
8	5.04	Today: Learn how to get historical data from both tables and combine the result illustrating on a chart (in process) Tomorrow: 1. work on Chart 6 development (1~2 hours) 2. Give other's helps if necessary (30 minutes)	Today, I learn how to use flask API from the teacher's slide and I want to use python to get the station data. And this will help me to finish the chart. Tomorrow, I will finish the job of chart1 and chart2	Today I worked on Chart 4. Will continue on that tomorrow and send the updates	☐
9	6.04	Today: 1. A few learning on mysql query in python 2. Helped Anna working on Ec2 instance creating and accessing. Tomorrow: 1. Keep on working at chart6 development	Today: I have no obvious advancement Tomorrow: I will use two to three hours to focus on the web chart from 3pm to 6pm. And I will try my best to finish one chart	I had an attempt to get to our group project instance created by Peng. The chart 4 is in process. Tomorrow: Tomorrow I will continue on it.	☐
10	7.04	Today's work: 1　Finished coding on getting chart data from MySQL (100%) 2　Draw a bar chart based on json file (20%) Tomorrow: 1.　Draw a bar chart based on json file and combine it with getting chart data from MySQL 2.　Try to finish Chart6 development by making everything automated. Issue, no so far. Everything is on schedule.	Today: Use http to get data from local json file and draw chart, and try to write flask to get data, but failed Tomorrow: Fix the problem of getting data from flask and compile the total chart to the bike5.html	I　haven't done much today as I'm all in finishing my Data Analytics homework 2 for tomorrow. I think tomorrow I'll concentrate on finishing it before I get back to our group project.	☐
11	8.04	oday, I have finished coding one chart6, which	Today, i haven't spared time for project because i haven't finished the	Today I was all concentrating on my data analytics	☐

		was based on chart.js 1.0. However, there was some small issue that I have not fixed yet Tomorrow, I will woking on new works if there are.	Data Analytics homework. Tomorrow, i will focus on the project and finish the chart1&2.	homework 2, will be back to our software engineering project tomorrow.	
12	9.04	1. Today, I worked on updating chart6 illustrating data set from 1 week to 1 month Tomorrow: 1. work on testing and data analytic backlog	Today, i start the web coding from the 8pm and i am working on chart1 now. And i will finish the chart1 tonight. Tomorrow, i will finish the chart1 and chart2 and renew the code to the template page	Today I continued with Chart 4 and will continue with it tomorrow.	☐
13	10.04	Today's work: 1. Updated backlog combining with back-end and data science features 2. Updated on Sprint2 meeting notes Tomorrow: 1. Data Science part development	1. Today, I finished the Chart1 and Chart2. And I list several questions that we need to talk about in the Sprint3 2. Tomorrow, I will start the heat map feature and prepare the Sprint 3 meeting . And I will send e-mail to the professor to invite him to attend our Sprint3 meeting.	Today we had our practical and discussed outstanding questions. We decided to have our Sprint 3 meeting this Thursday and our review meeting on the 17th of April. I will continue on Chart 4 tonight and tomorrow.	☐
14	11.04	Today's work: 1. Added station number with Station Markers: 2. Designed the layout of data analytics webpage and relate data set Tomorrow: Keep on working on Data Analytics part	Today, i am working on the heat map and prepare the tomorrow's meeting Tomorrow, keep on doing the heat map feature and try to finish it issue: we need to decide the exactly time about our meeting tomorrow	Today I commited a mockup chart 4 to github. Tomorrow I will work on plugging it to JSON.	☐
15	12.04	Today: 1. Have Sprint 2 review meeting and Sprint3 meeting 2. Update backlog combing with Sprint1 part and Sprint3 part 3. Wrote Scrum meeting notes Tomorrow,	Today, we have the sprint 2 review meeting and sprint 3 meeting. And i am writing the Sprint3 meeting notes. But i am not very sure about whether should we continue our plans? Tomorrow, we will work together on data analysis from 10am in	I am working on chart 4 today. Tomorrow we will discuss how to work together on the Data Analytics part tasks.	☐

		Work on 4 tasks of Data Analytics Part	science building		
16	13.04	I will keep on working Data analytic tonight and tomorrow	Today, i helped Peng with the display of the prediction page. And i finish the sprint3 meeting note and update the Backlog by adding the Intergration features. Tomorrow, we will continue to work on data analysis and try to finish this part. And Peng and me will meet in the science building at 10 am tomorrow.	Today we had an extra meeting on our final project stage. We allocated the tasks for the Data Analytics feature. I start on Task 26 from our backlog today.	☐
17	14.04	Today, Chen and I worked together on Data Analyzing of Bike Station part. We finished task 24 in backlog, and 80% of task 25 as well. In addition, we finished integration of web page and I have update bike5.html onto github: http://mytest:5000/bike5/ I will try to finish task 25 and task 26 in backlog, maybe include some testing works as well	Today, 1. I worked with Peng on the data analysis. And i trained a model of station1 and predicted the usage of the bikes by the 5 weather features. 2. We also have integrated the earlier codes into one version web application. Tomorrow, 1. i will continue to integrated the codes and separate the js codes to the .js files. And i will also spend some time on CSS or heat map.	Anna: I was doing Task 27 today, and am about to commit the code that will read the JSON code from Dublin_chart_7 and display it. Tomorrow will continue.	☐
18	15.04	1. I finished all tasks on data analytic part. You guys can have a test with this page: http://ec2-34-217-16-180.us-west-2.compute.amazonaws.com:5000/b	1. i separate the javascript code to the .js files and update the github 2. i almost finished the heatmap code	Today I was testing the files (Task 30 and 31). Chart with bikes availability was working, but Dublin_chart_7 needs to be in the correct format and in the same folder as Forecaster_Updated. Weather needs	☐

		ikeReview/ 2. worked with Chen on CSS, *,js files's integration on EC2 instance tomorrow, I will work on some testing work and I will start on document's collection from next Monday on		icons. So, the folder with icons must be at the same level in the folders as Forecaster_updated. It was on the same level earlier but not now. When doing integration, we have to make sure that both issues are solved.	
19	16.04	Today, I didn't do any coding works. tomorrow, I think we may have a quick review on what we have done and what we missed over last week.	Today, 1. i did nothing for our project. Tomorrow, I think we need to talk about how to write the document together and finish the tasks of CSS feature.	Hi Peng and Chen. I will continue with Chart 4 tonight. We will decide tomorrow what tasks have to be completed in our project and allocate them.	☐
20	17.04	Today, I changed code on data analytics part according to philip's suggestions: 1) Use python to dump training model onto particular files 2) Adjust the layout of data analytics page Tomorrow, I will work on document and cSS	Today, i have spent two hours on CSS and our webpage's main colour is blue and white Tomorrow, we will start writing documents and finish all the code tasks	Preparing my Learning Journal 3, notes and all documentation I have up to date.	☐
21	18.04	Today's work: 1. Worked with Chen on CSS/Layout integration on flask server. Modified and added new codes and completed the final bits on Bike Station webpage. (5 hours in total)	Today, i worked with Peng to finish the CSS of our wep app Tomorrow, i will finish the project journal of sprint3 and start writing the personal journal.	Preparing my Learning Journal 3, notes and all documentation I have up to date.	☐

		2. Layout testing work is finished. Only a few text issues to be adjusted. Tomorrow: 1. Have discussion with Philip on document's writing 2. Unit testing code writing and integrating to master bit			