REPORT

15 JUNE – INDUCTION DAY

Induction took place virtually via Microsoft Teams. ICEP Lead Team took turns welcoming us to the company and telling us about the company’s background, ethics and values, the tools and resources needed, and everything else aimed at helping us work well within the organization. Speakers from different specialization explained their duties/roles within the company along with the software/tools they use. A WhatsApp group was created and both the interns and the lead team were added.

16 JUNE – 21 JUNE

YouTube links were sent to the WhatsApp group to help us familiarize ourselves with the tools used at ICEP in terms of the required software and how to use it. We signed up for Agile Foundations on faethm, and AWS Educate.

30 JUNE – 02 JULY

We were grouped into teams that consists of developers (backend and frontend) and business analysts. My team was assigned the ‘weekly report’ system. We were asked to do research about weekly reports and how they are used. We each had to present our answers on WhatsApp during a group session in the morning.

20 JULY

We had our first meeting as the Weekly Report via Microsoft Teams whereby we were asked to present our ideas on how the Weekly Report system could be developed. It’s entities, elements and attributes were discussed. Our roles within the system were further explained to us and we were introduced to SCRUM, a concept that was briefly explained to us during induction day.

21 JULY – 30 JULY

The developers focused on researching more about angular framework while waiting for the business analysts to send a documentation layout of our system. We were working remotely, and holding our daily stand-ups every weekday at 10h00 AM via WhatsApp.

02 AUGUST – 13 AUGUST

Due to the decrease of lockdown levels we were asked to now report to the office. The three ICEP teams must take turns coming to the office, then work remotely in days they don’t. On our first day in the office we were brainstorming on what our system should look like and how the page would communicate with each other, using HTML and CSS. Later during the week, we were given a documentation and a folder of an existing Weekly Report System that was developed by the previous interns. The aim in this case was not to change the system entirely but to modify it as it was already officiated and accepted previously by the evaluators. The frontend developers already had a layout of how they expected the system to look like so we used the very same look to improve the user interface of the existing system. I worked on the login page as a starting point to familiarize myself with angular and ionic framework. I participated on the first and second course of Agile foundations which was introducing us to the principles of Agile called agile Manifesto. I also worked on the introduction to AWS on AWS educate. A spreadsheet was created to keep track of our AWS Educate progress. As we were collectively brainstorming ideas and also individually working on separate pages on the system, we all came up with a different perspective and style we can use to design our graphical user interface. We decided to use a centered card with a chilled background view. We decided on the general outlook and design together. We wanted to go for TUT colors as part of our color scheme and we chose a lighter font to accommodate our system. Our first presentation was on the 13th of August and we presented the design change and the functionalities of the landing and login page.

16 AUGUST – 27 AUGUST

I had a better understanding of the angular framework so I improved the page (login page) I previously worked on during the first weeks. I did a lean thinking course on agile foundations. Our second presentation was on the 27th of August and we presented the general outlook of how the system will be used for landing, login and registration page. Our database played a big role during the presentation as we were taken through users, modules and other tables to show us authorizes users and what they can do in the system. There was also a change in our background design. The feedback we got from the lead team was that we needed to add more functionalities to the system for our next presentation.

30 AUGUST- 10 SEPTEMBER

We’ve each previously worked on our first pages, mine being the Login page, so we decided to work on the lecturer dashboard together. We wanted a more realistic lecturer information displayed on the dashboard so we wanted changes made to the existing database to have multiple departments each with multiple modules to choose from. This was to show a detailed view on how the dashboard may look like with the modules selected displayed. We worked on the Lecturer report page wherein the lecturer creates the report and submit it to the HOD. This was an existing page that had undefined values before and after the form submission and non-operational functions after submission. After we have worked on the Lecturer report page we were now able to view the created file on the detailed report page with no errors. We were invited to participate on AWS Academy via canvas and I completed a pull/push system on agile foundations. For our next presentation I was the presenter for the developers and we based most of our presentation on the feedback we got on our last presentation. Our presentation focused on the functionalities of the system from registering a new lecturer and logging them in. Creating and submitting a new report with the very same lecturer then viewing the report. We were advised to use a darker shade of color for our cards so that our content is not overshadowed by the background.

20 SEPTEMBER - 01 OCTOBER

We had two weeks of recess. During the first week of recess we were not working and on the second week we converted to working remotely. We used a darker color on our cards. We were working on the HOD dashboard and it had the same issues of having undefined values but in this case we couldn’t display the HOD information on top.

04 OCTOBER – 08 OCTOBER

The recess period was over and we were now back to work as normal, alternating between going to the office and working from home. We continued working on the HOD dashboard and managed to get a few breakthroughs for our next presentation. We fixed the HOD profile (Name [title, initials and surname], email and department) on the dashboard that initially displayed the information as undefined, we were able to display the HOD modules and the HOD was able to view the form a lecturer had submitted. We couldn’t present this part of our system due to technical issues and the feedback we received from the lead team was that our working rate was the lowest compared to the other teams. The overall feedback to all ICEP interns was that they were worried about our presentation skills.

11 OCTOBER – 22 OCTOBER

We were now working on our summary page. On the 12th we were given a problem statement that we were to present on Friday with the topic of our choice and preferred mode of presentation. The theme was blue and idea and idea was to make us feel comfortable for the presentations. They took place on Friday and each intern had to send their document beforehand. Our overall performance was fine but we needed more practice. During the second week we finished working on our summary page and we were advised to change our background picture because it didn’t have any relevance to the system. Our presentation included the last sprint since we couldn’t present it the last time.

25 OCTOBER – 05 NOVEMBER

There was only one page left at this point and it was the page wherein the HOD may download the reports the lecturers had written. Our download could only print information that was already populated from the database but not what the lecturer had to input. I completed AWS educate and academy courses. We presented part of this sprint but we couldn’t present everything due to technical issue. The feedback we got was the colors on our buttons and our cards.

08 NOVEMBER – 19 NOVEMBER

We restarted both the summary and the view report pages to make it easier to retrieve information from them. We added the view and create pdf to give the HOD of viewing the report online or downloading the pdf instead. Both the summary and the view report have a search button to help the HOD access the reports efficiently. On the 12th it was ICEP fun day and the description of the day is on the name itself. The 15th and 16th were dedicated to AWS Educate evaluation and mine was evaluated on the 15th.