

Bi-Weekly Report #2 – NTT Data 2: SOTA

Overview:

Picked a template for our team website, started researching on Software Engineering Methods (agile, kanban, waterfall). Created a website for our project and inserted some content about our project. Prepared our website for deployment onto the server. Reviewed our use cases and picked three main use cases to work with. Client was happy with the progress but further research is required for the use cases chosen.

Meetings conducted:

13th October – Meeting with client Topic: Initial Meeting with Client

We created a project website for our project and have started updating the homepage, background and progress report sections. We decided to use HTML, CSS and JavaScript for our website and host it on the UCL server that we have been provided. We researched the existing projects on SOTA, existing features of the robot (language translation, communication, etc.) and looked at some competitors then discussed how we can draw ideas from them and make our product better or more useful.

20th October - Meeting with team Topic: Website and Use Cases Discussion

During this meeting we discussed the potential use cases for SOTA and picked the following:

- **Monitor Medication Habits**
- **Recipe Holder / Cooking assistant**
- **Personal Assistant**

We looked at the competitors of SOTA that we have researched on, including social robots such as Jibo and Buddy.

We sent off an e-mail to the client proposing our use cases and our analysis of each use case as requested by the client (research, benefits, competitors).

24th October - Meeting with team Topic: Progress Check

During this meeting we planned our Gantt Chart, which Raja has taken the role of creating, and looked at our progress over the weekend.

26th October - Meeting with client Topic: Use Case Discussion

We met with the client this week. SOTA presented a brief slide on NTT. The use cases were explained to the client after which I asked them to help narrow down to a single use case. It has been suggested that we should research more into each of the use cases with aspect to “3 Pillars” : IOT, Voice UI and Tangible computing - Agent AI.

Tasks completed

Number	Task	Status
1.	Create & deploy project website	Done
2.	Research Software Engineering Methods	Done
3.	Create Use Cases & Present Use Cases to Client	Done
4.	Research Competitors	Done
5.	Present Initial Analysis of Literature Findings to Client	Done

Jaromir Latal

I was responsible for researching one of the use cases we agreed on as most beneficial. Moreover, I set up a template for the website and uploaded it to UCL's servers so that it is accessible, along with updating the initial page.

Sheue Nie Shanice Ong

I created and researched into the recipe holder use case, which was chosen as one of the most beneficial use cases by our group. I researched on the agile development methodology and did a comparison of it against other methodologies. I helped to update parts of the project website.

Raja Upadhyay

This week I researched on some use cases and some effective ways on how the robot can be used and implemented. I also helped update the project brief for the website. I also researched on the waterfall strategy but we decided to move on with the agile development methodology.

Plan for the next 2 weeks

Number	Task	Owner
1.	Continue Updating Website	Shanice
2.	Agree on Requirements with Client	Everybody
3.	More research on three pillars • Internet Of Things • Voice UI • Tangible Computing - Agent AI	Everybody (for each of our own use cases)
4.	Download and familiarise with software for SOTA	Everybody
5.	Create & Update Gantt Chart	Raja