

Group 26: SPARQL and RDF Mining

16/11/2016 **Anirudh Pillai**, Aksel Cakmak and Xiaofeng Fu

Overview

We have set up our team website and have completed most of the pages on it. We have made our first prototype and have done some use cases as well. Decided on Redux for application architecture.

Meetings Summary

Meeting 10 **Team** Meeting (31/10/2016)

We set planned out tasks for the next week. We decided on:

- (Anirudh) Research about Redux and continuous integration tools
- (Anirudh) Research about testing tools
- (Aksel) Create an initial version of the requirements for our project.
- (Xiaofeng) Complete Background page on the website
- (Everyone) Learn about RDF

Meeting 11 **Client** Meeting (2/11/2016)

We were shown tools like WebVOWL. We decided on doing some prototypes so that we get a better idea about how the app should work and to better understand the requirements.

Meeting 12 **Team** Meeting (3/11/2016)

We met before reading week and set up our plan for the week as we weren't going to be able to do team meetings during reading week. The tasks allocated were:

- (Anirudh) Learn Redux and set up example project with our stack
- (Aksel and Xiaofeng) Create the first prototype
- (Anirudh) Complete Research Page on the website
- (Aksel) Work on the Requirements Page on the website

Meeting 13 **Client** Meeting (9/11/2016)

We showed the client our first prototype and received feedback from them. The feedback was very useful for us to understand exactly what the client wants. They pointed out useful things like, the user should know how he navigated to a certain point in the graph and how it links to the rest of the database. We also decided to get our TA to attend one of the client meetings.

Meeting 14 **Team** Meeting (14/11/2016)

We compared our notes from the client meeting and looked at feedback to find out how we could improve our prototype.

We had also set up an example app with our stack. The tools we used were:

- ES6 with Babel: For access to new and advanced features in Javascript
- Gulp: for transpiling ES6
- ESLint: for catching errors in our code and so that everyone on the team follows the recommended (Airbnb) style guide for ES6
- Webpack: for bundling our dependencies
- React: as front end framework
- Redux: for structuring our application

Now we know how all the tools integrate and work together. We also have knowledge of how to set up our actual application.

Meeting 15 **Client** Meeting (16/11/2016)

We informed the client about our progress and decided on showing them an improved version of the prototype for next week along with the updated team website we have got till then.

Meeting 16 **Team** Meeting (17/11/2016)

We also set up new tasks to work on:

- (Anirudh) Research about testing and continuous integration tools
- (Anirudh) Complete Biweekly Report
- (Aksel) Video to explain previous prototype
- (Allen and Anirudh) Style the website
- (Aksel) Work on improved prototype
- (Allen) Work on the use cases.

Tasks Completed

- Started Use Cases
- Built first Prototype
- Finished pages on the team website
- Set up an example application using our current stack
- Decided on Redux for structuring our application

Plan for next two weeks

We are still researching about testing tools but have narrowed down our search to look at Mocha, Enzyme or Jest (Recommended tool as this was created at Facebook with Redux in mind). We also need to look into continuous integration tools like Travis CI and Circle CI for automating our testing.

We also plan on completing the team website by adding more content and finishing the remaining pages. We will be refining our prototypes by looking at the feedback we received from the client.

Individual Sections

Anirudh Pillai

I have styled the team website and completed the Research Page on the site. I wrote all of the contents for the Research Page and explained the reason for choosing each tool in our stack. I have learnt Redux and used our current stack to create a sample application.

Hence, I've learnt every tool in our current stack.

I plan on researching about testing and continuous integration tools to automate the testing process for our app.

Aksel Cakmak

I created the first prototype.

After receiving some feedback, I am currently working on improving the prototype.

I also created a short video showing the behaviour of our mockup/prototype.

I am writing explanatory text in the Prototype page to go along with the video.

Xiaofeng Fu

This week I done the background page and I had started to style the website.

And I created some use cases for the application. Moreover, I am trying to create more use cases now and writing more contents for the website.