**1st tutorial meeting**, Friday January 23rd, 2017

TA Meeting Start: 12:15

Quick explanations from TA about documenting the project

Team explains to the TA what our project is about. It is a way to share notes with the class. The TA offers some thoughts on the idea and asks to fully understand the scope of the project.

Team members elaborate on the idea with the TA offering more thoughts. As an idea, it can be like Google docs where notes are update live in class. Everyone on the team begins offering ideas to add more potential user stories in the project scope.

The TA determines that the idea is too light, it needs significantly more features to be a four-month project.

Brainstorming session follows resulting with the idea of a notes dashboard. Also, the possibility of a Moodle extension for email notifications is brought up.

The team goes over the user stories with the TA and finalizes.

The team show to the TA at the end a GitHub on how to send a pull request and have a team member accept and pull it.

Team Meeting: 12:48

Group meeting to discuss the features. Team Leader Anthony gives the team a tutorial on React for front end and NodeJS/PostgreSQL for the back end.

Other suggestions are offered on how to proceed with the project but the consensus seems to be to use React, NodeJS, and PostgreSQL as it would simplify our code.

Tasks are split up with the team as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| Backend | View & Logic | | Testing/Documentation |
| Anthony | Charbel | Mohammed | Fozail |
| Francois | Daniel | Adam |  |
|  | Adam |  |  |

Plan for where we want to be in 2 weeks time.

* Have a wireframe done.
* Have the Node stack set up. Push the boilerplate to GitHub.

**2nd tutorial meeting**, Friday February 3rd, 2017

TA Meeting Start: 12:15

The TA is going over the user stories and verifying our submission is on time.

TA suggests we should have role differentiation between different types of users such as students and teachers. Also, it is suggested that maybe we should have a general forum instead of a forum for every note as that may even be easier to implement.

TA asks us to re-format our user stories to match convention. He raises the issue of the commits having to come from multiple people to show every member is contributing.

TA verifies our progress so far and discusses where we want to be by the next sprint, we should aim to get a login page.

Team Meeting: 12:45

Anthony tutorial about the PostgreSQL, the React router and how the routing works, the NodeJS server. Finally we conclude with how to add components to the project.

The Front-End Roles for the Project:

Homepage: Charbel & Adam

Navigation Bar: AJ and Vertan

Course Selector Side Bar: Mohammed

Profile Page: Daniel

PDF Main: Daniel

Backend: Anthony and Francois

**1st Virtual Scrum Meeting**, Wednesday February 8th, 2017

Purpose of Meeting, Absent: Vartan and Mohammed

1. \*What you have accomplished in the sprint so far\*

2. \*What you will do next\*

3. \*Any issues you are having\*

Anthony:

1. I have completed the login page, and authenticated users

2. I will just be helping the other teammates with their code (if needed), refactoring code and piece things together at the end of the sprint

3. No issues so far

Daniel:

1. I have worked on the document area, which displays thumbnails of the notes on a user’s dashboard.

2. I will finish the user profile page.

3. Learning React, it's coming along but best practices and some of the syntax is still not perfect yet.

Fozail:

1. I have set up the environment to test as a user the code, I have meeting the minutes.

2. I am working to update the slack document, and polishing the meeting minutes.

3. Can people send me the recordings from the last meeting with the TA.

Adam:

1. I have not set up the environment yet

2. I will be contacting Charbel to plan the work on the homepage and also to decide on the theme we will be following

3. No issues yet but I'm busy and so I haven't started working on the page

Francois:

1. I have worked on the courses database

2. I will work on making a relation between the users and the courses

3. Learning how Sequelize works with Postgresql

Charbel:

1. Setting up the environment & getting familiar with the new tools we’re using for this project

2. homepage brainstorm with Adam

3. Can’t make Monday night meetings since I finish class at 9:20, if there’s any issues with the environment I’ll contact Anthony asap. Otherwise been having exams since Sunday so I finally have more time starting this weekend to get a homepage up and running

**3rd Tutorial Meeting**, Friday February 10, 2017

TA Meeting Start: 12:30

Attendance of team members is taken, Charbel was not able to make it since he was sick, TA requested team members email him if they can’t make it to the meetings.

TA is made aware how team members work in their branch and do not always merge with the master. TA recommend assigning user stories to multiple team members.

GitHub project is presented to the TA, team interaction is shown in the pull requests. TA suggests that more team interaction should be visible on the pull request to indicate requests are properly reviewed. He also wants all members to have commits and pull requests to show every member is part of the journey.

A visual demonstration of the progress so far is given to the TA. This includes the login and the main document page. The TA is briefed on the structure and the progress of the back end. Overall plan for Sprint #2 is to focus on completing the front end, TA is given overall GUI idea of the system.

TA asks to add story description under every User Story. In essence, a simple description of a couple of lines of what we’re going to do to address the problem (a summary of the tasks) for every user story. We also have to have tasks for every user story.

TA suggest that in his opinion there should be frequent commits and many merges with the master so that there is less chance of a merge conflicts. The TA looks on the different branches of each member within the project.

Team Meeting: 12:50

Discussion and deciding on the importance of the user stories, and their weight. Also, discussing and classifying which sprint to aim to complete each user story for. Discussion, of possibly adding new user features if time permits.

**2nd Virtual Scrum Meeting**, Monday February 13th, 2017

Standard purpose to share progress, Everyone Present

Anthony:

1. I helped Vartan to set up his environment and create the navbar, helped mo with git commands.

2. I will merge everyone’s parts when they are ready. Help anyone who needs it.

3. No issues.

Fozail:

1. Updated Slack Conversations and did meeting minutes

2. Completely update slack, add burn down chart

3. Learning how to writes tests

Daniel:

1. I have worked on the profile page, created buttons and the section to display name, username and type of user.

2. Complete the user profile page, start considering implementing some logic to sort the documents.

3. Following best practices in React.

Charbel:

1. coded the first half of the mockup Adam shared on html/css/js (Adam will do the second half)

2. switch the code to react

3. I’m having issues with setting up the environment, I’ve had error messages

Adam:

1. Created Mockup and logo as well as the required graphics

2. Code the Mockup

3. None

Vartan:

1. With help from Anthony, created the main components of the Navbar and styled it up a bit

2. I’ll continue to make it look better when/if i get better ideas

3. none

Mohammed:

1. Coded the sidebar using html and css still haven’t implemented using react

2. Use react and have it done by Wednesday max

3. Using postgress, was having some trouble installing it

**3rd Virtual Scrum Meeting**, Wednesday February 15th, 2017

Daniel:

1. I worked on the profile components, including the buttons to add notes and classes.

2. I will start looking into how to upload documents from the front end.

3. Thinking of what to add to the profile page, as it is pretty empty as of now.

Anthony:

1. Merged multiple pull requests from team members, set up continuous integration, almost completed burndown chart

2. Cleanly integrate all the team’s progress to have something nice to present to the TA for Friday

3. Excel is so complex

Mohammed:

1. Finished the sidebar and integrated it using reactjs

2. Push it through in a couple minutes (sorry about that, was having couple issues)

3. Will try and fix my pgadmin4, despite having installed it already

Vartan:

1. Refined the nav bar to get it to look like I want

2. Already pushed it

3. No issues

Charbel:

1. Coded the welcome page of NoteShare

2. Practice coding React

3. issues with the environment but all good now thanks to Anthony

Fozail:

1. Updated Slack, meeting minutes, documents and audio. Made unit tests with AJ

2. Have to add this meeting to minutes

3. Learn unit testing

Adam:

1. Design for the feature list part of the homepage

2. Currently coding and will be pushing it soon

3. Learning react

Francois:

1. Completed the User/Courses relationship in the database

2. Probably work on the PDF table

3. Learning relationships in sequelize

**4th Tutorial Meeting**, Friday February 17th, 2017

TA meeting Start: 12:30

Attendance is taken, all team members are present. We present all progress to the TA for inspection, showing the current functionality and overall layout of the website.

The user stories and Travis CI are demonstrated. The burndown chart with the user stories on GitHub is presented and verified. Teem meeting structure and documentation is also presented to the TA. A high level presentation of the project architecture is given to the TA, with explanation of how back end requests are handled and how the front end interacts with the back end server.

Details and plans for the next sprint are explained to the TA and the meeting is adjourned.

Team Meeting: 1:00

First part of the meeting spent on learning about Axios server requests and components in react. This was done as the front of the website is coming closure to completion, the linking has had to be done between the front end and the back-end server.

We discussed how to make sure all work is done on time with the minimal amount of pressure. We also restressed the importance of quick and frequent communication so that problems can be more quickly resolved.

Last matter of the meeting was to decide which team member had to accomplish which user stories for the next sprint due date.

**4th Virtual Scrum Meeting**, Monday February 20th, 2017

Daniel:

1. Pulled the project from GitHub and started examining the code.

2. Start learning how to upload documents and making the UI.

3. None so far.

Fozail:

1. Started writing minutes for last meeting

2. Currently Updating Slack & Documentation

3. Still learning Unit Testing with AJ’s help

Anthony:

1. Refactored and merged Adam’s code

2. Start working on the API route for uploading pdfs to the server

3. Dealing with files is tricky

Charbel:

1. Pulled the project and took a look at everyone’s code

2. Research how to download a doc

3. None at the moment

Vartan:

1. Pulled the code

2. Going to look over the code and try to understand it, practice a bit

3. None

Mahammad:

1. Pulled the project

2. Almost done codeacademys tutorial on react and will look over the code

3. None for now

Adam:

1. Finished the homepage

2. Working on comments

3. Not much thanks to Anthony

Francois:

1.Started working on the documents table

2. Create the relationship between courses and documents

3. None at the moment

**5th Virtual Scrum Meeting**, Wednesday February 22nd, 2017

Anthony:

1. Started working on the uploading documents API route, installed Multer to handle file uploads to the server

2. Finish the uploading API route

3. Need the documents table from Fancois

Fozail:

1. Updated Slack Conversations

2. Learn Unit Testing

3. None

Francois:

1. Worked on the documents table and the relationship with courses

2. Figure out how to reference a pdf file in the database

3. Still trying to get familiar with sequelize

Daniel:

1. Working on the view for uploading documents.

2. Write the logic part for uploading documents.

2. Have to coordinate with Anthony and Francois for the uploading part.

Adam:

1. Nothing much since Monday

2. Working on comments

3. Nothing so far

Vartan:

1. Been practicing react.js, looked over the code and I understand components and props better

2. I’ll practice more and start working with Mohammed

3. Nothing

Mohammed:

1. 95% done with the react course

2. Meet with Vartan and start working on the profile

3. None

Charbel:

1. Practiced pops with the Bucky tutorial

2. Continue researching downloads

3. None

**7th Virtual Scrum Meeting**, Monday February 27th, 2017

Charbel absent.

Fozail:

1. More Documentation

2. Add this meeting

3. None

Anthony:

1. Setup our web app to run on heroku so new builds are always available

2. Work on the uploading API route

3. None

Mohammed:

1. Completed react course

2. Spoke with Vartan, will meet this week to get it started

3. None

Francois:

1. Pushed the Documents table and its relationship with Courses

2. Load courses for a user; and load documents for that course

3. None

Daniel:

1. Created a Modal component and the view for uploading documents.

2. Connect the view with the uploading API route.

3. None for view, possibly in the future when connecting to the model.

Vartan:

1. Nothing really, I apologize as I was out of town and didn't have a laptop

2. Meet with Mohammed

3. Nothing

Adam:

1. Worked on the comment component

2. Polish comments and figure out how to add functionality to it

3. Not much yet

**8th Virtual Scrum Meeting**, Wednesday March 1st, 2017

Anthony:

1. Merged Francois’ pull request

2. Complete Uploading API route

3. None

Fozail:

1. Added previous meeting

2. Meeting Minutes and Unit testing

3. Learn Unit Testing

Francois:

1. Looked into loading courses/documents

2. Implement it

3. None

Daniel:

1. None since Monday

2. Connect view and backend for uploading docs

3. Working with new library to upload

Adam:

1. No updates yet

2. Continue working on comments

3. None so far

Mohammed:

1. No updates so far

2. Work on the profile with Vartan tomorrow

3. None

Charbel:

1. Progress made with the downloadable PDFs research

2. Test it out with uploaded documents

3. None so far

**5th Tutorial Meeting,** March 3rd, 2017

TA meeting Start: 12:20

Attendance is taken with the entire team present except Adam was not able to attend due to prior engagements. The TA reminds the team to put reference numbers in the commit comments. The TA is given a demonstration of the Heroku deployment so he can see the latest version of the web app based on the master, the TA suggests adding the link on the main page readme file. The TA warns the team that next time he will carefully comb through the details of the web app and expects a corresponding UML architecture diagram of the project that matches the code as well. The meeting is adjourned with the final message that the new sprint criteria will be similar to the previous sprint except that the TA will dig deeper.

Team Start: 12:20

Anthony works with everyone to look over any possible problems they may be facing and gives guidance to team members who face difficulty with a particular area.

**9th Virtual Scrum Meeting,** Monday March 6th, 2017

Daniel:

1. Added the upload functionality, added button to dashboard.

2. Fix upload issue window problem

3. When the modal is opened on the dashboard, due to the display: flex it shows up as shown in the picture.

Fozail:

1. Started working on meeting minutes and a new unit test

2. Will need to make more unit tests with AJ

3. None

Anthony:

1. Finished API routes for this sprint, refactored Francois’ API routes

2. Refactor Adam’s comment component

3. None

Mohammed:

1. Looked into the authentication of the profile and adding a class for a user

2. Meet on Wednesday and start implementing it with Vartan

3. None

Francois:

1. Added the GET requests for Courses and Documents

2. Work on the download route

3. Used headers instead of parameters

Adam:

1. Finished the front end comments

2. None for this sprint

3. Not much really

Charbel:

1. Nothing worth mentioning

2. Finalize downloadable PDFs

3. None

**10th Virtual Scrum Meeting,** Wednesday March 8th, 2017

Anthony:

1. Nothing since last meeting

3. None.

Daniel:

1. Fixed the way the upload modal is displayed.

3. It needed some confusing CSS styling, probably not the best way to do it but it works.

Francois:

1. Added the download route

3. None

Anthony:

1. Helped Charbel with downloading user story, fixed some bugs (check commits), refactored many things. Connected many views to the database.

3. Some team members waiting last minute

Vartan:

1. Almost completed the modal for adding courses

3. Making the added courses appear on the sidebar

Charbel:

1. Completed download user story and added scroll ability to the homepage

3. Anthony helped me clear out bugs and issues I had with my code

Fozail:

1. Updated meeting minutes

2. Will add slack

3. None

**6th Tutorial Meeting,** Friday March 10, 2017

TA Meeting Start: 12:20

TA takes attendance of all members. Ta is explained how public website cannot have upload future due to the lack of database hosting on free service. Demonstration is given on how to add courses on a profile and then uploading courses to the service and then downloading those documents. Comment section preview is given and logic will be implemented later. TA is briefed on user stories on git hub and their progress, plus additional stories that have been added since the inception of the project such as the ability for users to edit their profile and see statistics about themselves. Project is also now getting user to have different roles for identification. Travis continuous integration is verified by the TA. Issue of two team members working on the same machine is cleared with the TA. Finally the system architecture is presented with the burndown chart for the team.

Team Meeting Start: 12:45

After discussion about the performance on sprint 3 and how communication and work can be done more efficiently, user stories for sprint three are assigned to team members. Consult reference meeting photos for more information.

The team learns how the database works, details such as how documents are uploaded and downloaded, and how to start the database service.

There is discussion for potential ideas on how to moderate comments and how to display statistics got each user about their comment activity and document uploads.

Tutorial given on Axios server and react to see how to pull documents and data from the database to properly display on the front end. Hierarchy of the website is explained and how the functions work in the website.

**11th Virtual Scrum Meeting,** Monday March 13th, 2017

Antony:

1. Began bug fixing website

2. More bugs / Help anyone who needs it

3. None

Fozail:

1. Updated Meeting Minutes

2. Try more Unit Tests

3. None

Daniel:

1. Prepare environment, create new branch to work on

2. Start working on loading and writing comments from/to the database

3. Will need the routes for the comments

Vartan:

1. Put first name and last name input fields in sign up page and made sure they’re required fields. Also put a select menu with student, teacher and TA as options.

2. Going to try to figure out how to get that info to appear on the profile page

3. May contact Anthony this week for some help on #2

Mohammed:

1. Created new branch, currently working on the statistics

2. Continue working it and the bibliography

3. None yet

Adam:

1. Nothing yet

2. Work on the comment censoring

3. Nothing yet

Francois:

1. Worked on the comments in the backend

2. Finish the comments and start on profile info

3. None

Charbel:

1. Nothing yet (had a midterm Sunday)

2. Start working on deleting documents

3. None

**12th Virtual Scrum Meeting,** Wednesday March 15th, 2017

Vartan:

1. Nothing much, just some tweaking

2. Get user info on profile

3. Same as last meeting

Anthony:

1. Created a responsive navbar

2. Nicer notification when uploading a document

3. None

Daniel:

1. Started on uploading comments, made the form and FormData object.

2. Finish the comment post request and loading get request parts.

3. Still wrapping my head around async and promises

Fozail:

1. Added Slack Conversation

2. Want to do Unit Test

3. None

Adam:

1. Almost done with the comment filtering function

2. Finish it up

3. None

François:

1. Finished comments in the backend

2. Work on user info and statistics

3. None

Mohammed:

1. Finished bio and injected some fake data for the comments and uploads

2. Work on the number of course added

3. Trouble with the course array and how to get the object

Charbel:

1. Researched deleting PDFs from database

2. Begin testing code on my branch

3. Nothing worth mentioning

**7th Tutorial Meeting,** Friday March 17th, 2017

TA Meeting Start: 12:15

The responsive navigation bar is shown to the TA and he is reassured how the entire team is working on their respective branches. TA explains what the new requirements are for Sprint 4 and also explained the exemptions in criteria due to the canceled classes. A preview for Sprint 5 requirements is also given. TA is briefed by every member on their respective work and their progress.

Team Meeting Start: 12:25

Since the entire team was working on their respective user stories, there was no tutorial or team meeting, Anthony offered to help any team member who needed assistance with the code.

**13th Virtual Scrum Meeting,** Monday March 20th, 2017

Charbel:

1. Progress made in deleting documents

2. Need to figure out how to access each user's database from noteshare

3. The above, will get back at it once I get home from class

Fozail:

1. Updated Slack

2. Update Last Meeting Minutes

3. None

Adam:

1. finished comment sensor function

2. nothing really

3. nothing much

Daniel:

1. Finished the comment feature so now comments can be uploaded and viewed.

2. Going to add a couple user stories (please check the channel, going to need some feedback)

3. Weird bug where comments didn't appear in the proper order. Anthony changed something in the routes and it's working now.

Anthony:

1. Make some big architectural changes refactored pull requests.

2. Organize the repo

3. Glitches on glitches on glitches

François:

1. Finished the Stats route

2. Help with deleting documents

3. Learning promises

Mohammed:

1.Finished adding a bio, stats and adding courses

2. Help out if anyone needs it

3. Not anymore Anthony, helped me out!

Vartan:

1. Finished adding fields in signup page

2. Help out anyone if they need it

3. None, thanks to Anthony

**14th Virtual Scrum Meeting,** Wednesday March 22nd, 2017

Daniel:

1. Wrote user stories, soon to be added to Github

3. Balancing the user stories

François:

1. Nothing since last meeting

3. None

Anthony:

1. A lot of organization, almost done

3. Glitches I will explain Friday

Mohammed:

1. Nothing since last push

3. None

Fozail:

1. Adding Slack conversations

3. None

Vartan:

1. Nothing

3. Nothing

Charbel:

1. Front-end Delete icon + Edit Profile button & menu

3. nothing

Adam:

1. Nothing

3. Nothing

**8th Tutorial Meeting,** Friday March 24th, 2017

TA Meeting Start: 12:15

TA was given demo of all the work done during Sprint #4 including the burndown chart. Unit testing deployment was confirmed and info on how much unit testing was required was given to the team, moreover the requirement that unit tests should be associated to which part of the code. The automated unit testing was explained, how every GitHub push is tested and based on the result if the live website is updated. TA was briefed on what each team member accomplished during the sprint. The TA was briefed on the organization of the repository and the function of each area. The UML diagram for the entire system was presented to the TA. A website demo was given to the TA showing the user stories which were worked on during the sprint, functions such as commenting and user statistics. Based on user experience TA recommended on making a default list of courses and then prompt the user if a course being added does not exist in the database, and how comments should update automatically without refreshing. Overall list of tasks for Sprint #5 is presented and approved by the TA.

Team Meeting Start: 12:50

A detailed demonstration of the website is given to the team.

How to do unit tests and how deconstruction works, how to write a unit test was also discussed.

The user stories and tasks for Sprint #5 are assigned to the team.

Project report is briefly discussed within the team.

Discussion of project technicalities and submission is given, including contribution to GitHub as requirement for the project.

**15th Virtual Scrum Meeting,** Monday March 27th, 2017

Charbel:

1. Started unit test for Leaving Comments on Documents

2. Complete unit test for Leaving Comments on Documents

3. Still trying to learn jest and figure how to tackle the unit test code

Francois:

1. Nothing yet

2. Start working on renaming documents and deleting a course

3. None

Anthony:

1. Started writing unit tests, completed small features TA asked for

2. More unit tests

3. Unit tests are tricky

Fozail:

1. Nothing Yet

2. Unit Tests

3. Will have problems soon.... Unit tests are hard

Daniel:

1. Encountered bug when pulling from master

2. The email alerts

3. Is anybody else encountering the bug where the courses aren’t being added to your profile?

Vartan:

1. Nothing

2. Unit test

3. Nothing

Adam:

1. Nothing yet

2. Unit test + renaming

3. Nothing yet

Mohammed:

1. Nothing yet

2. Unit test + deleting a course

3. Nothing

**16th Virtual Scrum Meeting,** Wednesday March 29nd, 2017

Fozail:

1. Started working on unit tests

2. More Unit Tests

3. Unit test are hard and confusing

Anthony:

1. Almost finished the final report, fixed the live website (e-learning-noteshare.herokuapp.com)

2. unit tests

3. none for now

Daniel:

1. Started on the emails and did a couple unit tests. Unit test is not comprehensive yet but it checks for what it should.

2. Keep working on the email system.

3. Email system feels hack-y, getting cors errors but managed to send emails. Also unit tests are tough

Francois:

1. Added renaming documents and deleting courses in the backend

2. Not sure yet

3. None

Mohammed:

1. Started checking and working around with unit tests.

2. Delete courses from the frontend part.

3. None

Vartan:

1. Not much, sorry guys been overwhelmed

2. Going to work a good bit on deleting courses tomorrow

3. None

Adam:

1. Started working on unit test

2. Finish that up and work on editing files

3. Unit test being weird

Charbel:

1. Nothing since Monday

2. Get first unit test done

3. Unit test

**9th Tutorial Meeting,** Friday March 31st, 2017

TA Meeting Start: 12:15

Update on unit test progress and completion of user stories. TA updates team on evaluation from Sprint 4. TA interrogates every team member on their contribution to the project for every sprint while cross referencing from the GitHub to ensure accuracy. Moreover, every team member is given a chance to explain their participation and any discrepancies between the GitHub and any actual work done. The TA is briefed on the team structure and how the organization of work is done, the difference between the tram leader and developers. TA suggests to the team to ensure that every member has the team average number of commits to the repository, as to ensure that metrics on GitHub display show everyone is working equally and contributing their fair share. Overall TA applauds work done and encourage to continue to finish the project on time.

Team Meeting Start: 12:40

Anthony gives a presentation on unit testing and how to go about making them and the nuances between different testing methods in the unit tests. We also go over the testing framework and how to run and ensure the tests pass and fail as expected. The team is updated on the progress of the final user stories to be completed. After the presentation, all team members discuss how to ensure that the report and final project commits are done on time and up to standard. Lastly, Anthony works with anyone who’s having trouble with their unit tests to make sure they’re work properly.

**17th Virtual Scrum Meeting,** Monday April 3rd, 2017

As usual, the point of scum meetings is to say

1. What you have accomplished since last meeting

2. What you will do next

3. Any issues you are having

For this meeting:

4. Will you finish your unit tests by Wednesday?

Fozail:

1. Meeting Minutes and Unit Tests

2. Update and Finalize Documentation

3. None

4. Done with help from Anthony

Mohammed:

1. Almost done Unit Testing, should be done by tonight

2. Get the Unit Tests done

3. The Unit Test for my biography

4. Yes

Anthony:

1. A lot of managerial work, making diagrams and stuff (see Documentation folder)

2. Organize everyone’s unit tests

3. studying for SOEN

4. Yes

Vartan:

1. Did a unit test but it keeps failing

2. Ask Anthony for help. Will try to do a couple more tests to raise my commits

3. Can’t put my finger on why my test is failing

4. Most likely yes

Adam:

1. Finished the unit test

2. Nothing much left

3. Nothing

4. Done for now

Francois:

1. Added import script to add default classes

2. Nothing

3. None

Daniel:

1. Unit test and tried working on the email system.

2. Finish the unit tests

3. Hard to find information on unit testing online as each case is very specific.

4. For sure

**18th Virtual Scrum Meeting,** Wednesday April 5th, 2017 (Last Meeting)

1. What you have accomplished since last meeting

~~2. What you will do next~~ (not required)

3. Any issues you are having

Adam:

1. Pushed the last unit test

3. Nothing much

Fozail:

1. Updated and finished all documentation

2. Add this meeting to the documentation and proof read

3. None

Francois:

1. Nothing since last sprint

3. None

Daniel:

1. Pull request unit tests, went over the report and fixed some small typos

3. Took a while to figure out async unit tests

Charbel:

1. Completed some unit tests

3. None

Vartan:

1. Completed some unit test with Anthony’s help

3. None

Mohammed:

1. Couple unit tests, with Anthony's help

3. None

Anthony:

1. Refactored Unit tests

3. nodeJs DDOS