

# Sprint 19

## Team Capacity Start: 48hrs

- Joseph: 8hrs
- Joshua: 8hrs
- Rhoy: 8hrs
- Frank: 8hrs
- Ghabe: 8hrs
- David: 8hrs

## Work items

Work item	Hours	Name	Goal Date
Alerts LLD	8	Josh	03/19/23
Reputation LLD	8	Rhoy	03/19/23
Analytics Code	24	David	03/19/23
Aws Deploy	8	Frank	03/19/23

**Total: 48**

## Alerts LLD Task Breakdown - Josh

Task	Hours	Notes
Reviewing code	2	Understanding the code and how the front and backend connect is critical to understanding the alert feature. Documents detailing how to implement the front/backend connection has been created by groupmates for easier comprehension. I will need to understand the code before starting a design.
Creating first Draft	4	I have had a hard time detailing an accurate lld so most of my time would be focusing the first draft. Learning how to lld the front end using Figma also has to be accounted for.

		At this point, there are plenty of material to reference to make a good design and how to detail the flow of how the feature will operate.
Revisions	2	The amount of time spent on the first draft will be a learning curve so that future revisions will be easier and closer to achieving a final design that can be implemented

**Total: 8hrs**

## Reputation LLD Task Breakdown - Rhoy

Task	Hours	Notes
Reviewing code	2	I also need to understand how the frontend and backend code work together in order to properly design the LLD for reputation. I will be reviewing our peers' documents inside our repository to get a better understanding of the web application as a whole.
Creating First Draft of application Use Cases	3	After getting a clear understanding of how our application works I will develop the reputation diagrams to match our application's coding conventions
Create a UI Design using Figma	1	Since our web application will look consistent for each different page/feature, I don't think the UI design should take any longer than this
Revisions	2	I want to be as thoroughly accurate as I possibly can with my LLD, so I'll take this time to ensure I've met all requirements and fix any mistakes.

**Total: 8hrs**

Conclusion/summary	Name
Since my schedule is very calm this week, I should have plenty of time to accomplish this task. But since this is my own independently assigned task, I still have much learning to do so it may take longer than anticipated.	Rhoy

## Analytics Task Breakdown - David

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Task	Hours	Notes
Create Sql Summary Table	2	
Create Sql Dao Select Statements	3	
Create Analytics Controller	2	
Testing an debugging backend	3	
Create Analytics html view for admins	1	
Add axios Ajax requests	2	
Add graphing api to visualize data	3	
Testing and debugging front end	3	

**Total: 19hrs**

Thoughts/Concerns	Name
Since I Have a capacity of 8hrs that is not being used, I can help out by taking on the front end portion	Joseph

## AWS Deploy Task Breakdown - Frank

Task	Hours	Notes
Connecting to SQL RDS	1.5	While the RDS is already made connecting to it has been a bit of a problem, I hope it will be simple but I give it 1.5 hours maximum to complete this task. Once it will be completed filling it out will be no problem at all.
Setting up the backend	1.5	I don't think this will take very long the issue is that I need to initiate it through command line rather than launching it from visual studio.
Setting up the frontend	0.5	The frontend should be no problem at all, just putting it into iis should start it up easy.
Establishing Security groups	1	Setting up the security groups following the network diagram
Getting a SSL/TLS certificate	1.5	Getting a certificate from a third party to use for the AWS

**Total: 6hrs**

Conclusion/summary	Name
I honestly feel like I am missing something here, but based on what I have it should be up by the end of the sprint	Frank

Thoughts/Concerns	Name
I can possibly help you out through CLI, since I have a lot of experience with using CLI	Joseph

## Backlog grooming

Notes	name	date
Pulled into this sprint since it needs to be implemented for authentication	Ghabe	03/14/23

## JWT Research sprint - Ghabe

Task	Hours	Notes
Research JWT implementations	2	
Design possible implementations	2	
Attempt to integrate to current Source Code	3	

### Total: 7hrs

Conclusion/summary	Name
I can try to get an implementation integrated to code since we have already coded the functionalities of security. We are just missing how to have the same user when talking from the front-end to back-end while the user is using our app.	Ghabe

## Sprint Conclusion

### Original items:

**Team Capacity: 48hrs**

- Joseph: 8hrs
- Joshua: 8hrs
- Rhoy: 8hrs
- Frank: 8hrs
- Ghabe: 8hrs
- David: 8hrs

## Work Items

- Josh | Alerts LLD | 8hrs
- Rhoy | Reputation LLD | 8hrs
- David | Analytics Code | 24hrs
- Frank | Aws Deploy | 8hrs

**Total | 48**

## After Task Breakdown:

### Team Capacity: 48hrs

- Joseph: 8hrs
- Joshua: 8hrs
- Rhoy: 8hrs
- Frank: 8hrs
- Ghabe: 8hrs
- David: 8hrs

## Work Items

- Josh | Alerts LLD | 8hrs
- Rhoy | Reputation LLD | 8hrs

- David | Analytics Code | 19hrs
- Frank | Aws Deploy | 6hrs
- Ghabe | JWT Research Sprint | 7hrs

### **Total | 48hrs**

In summary our team capacity of 48hrs is sufficient to complete the workload of 41hrs. Since Josh and Rhoy are doing their own app specific feature, they will have to do it on their own utilizing their all of their capacity without the teams help. Since Davids capacity caps at 8hrs, Joseph has an extra 8hrs capacity he will help by taking on the front end portion for Analytics Code. In additions Ghabe has a capacity of 8hrs, therefore, he pulled in a work item to optimize his capacity.