Sprint 23

Team Capacity Start: 56hrs

- Joseph: 16hrs
- Joshua: 8hrs
- Rhoy: 8hrs
- Frank: 8hrs
- Ghabe: 8hrs
- David: 8hrs

Work items

Work item	Hours	Name	Goal Date
Events Implementation	32	Joseph	04/16/23
Reputation Implementation	8	Rhoy	04/16/23
Peer Review PictureUpload (David)	4	Joseph	04/16/23
Peer Review Service (Frank)	4	Josh	04/16/23
Peer Review Events (Joseph)	4	Rhoy	04/16/23

Total: 52

Implementation part 1 Task Breakdown - Joseph

Task	Hours	Notes
Database creation	1	This should be the design of the database where it includes foreign keys, primary keys and relationships
DataAccess Layer	2	I will start with creating an event and executing that insert statement for the data store
Service Layer	2	the result in dao with be checked in this layer and logging will be done
Integration Test	2	ensures that inserting part is successfully inserting into the

&& Unit Test		database

Total: 7

Conclusion/summary	Name
Only will grab in 7 hours of work this sprint, so that other team member are able to pull in work items to utilize their capacity. The only issue is that to start implementation, the dependency is when the peer review will get done, there for there might be a possibility that I do not get enough time to work on it.	Joseph

Peer Review Picture Upload (David) Task Breakdown - Joseph

Task	Hours	Notes
Take notes Major positives and Negatives	2	
Unmet Requirements	1	
Design Recommendation	1	
Test Recommendation	1	
Finalize Draft	1	

Total: 6

Conclusion/summary	Name
I want to allow myself to give as much insight as possible it may vary based on how many diagrams and views there are	Joseph

Events LLD Task Breakdown - Joseph

Task	Hours	Notes
Finalize LLD	3	

Total: 3

User Services LLD Task Breakdown - Frank

Task	Hours	Notes
Failure Cases	1.5	The failure cases were some of the last things I was going to finish in the previous sprint which is now spilling into this weeks sprint.
Get front-end designs finished	0.5	The front end design should go pretty fast as the conceptual idea is simple. I already have the idea in my head it just needs to be put into figma.
Clean up drafts	1	I need to take some time to make sure that all my drafts for the LLD are up to date and are consistent.

Total: 3

AWS Setup Task Breakdown - Frank

Task	Hours	Notes
Front-end to Back-end connection issue resolving	2	This has been one of my prevailing issues with the aws setup. I have tried many times to bug fix this issue but every time my paths have lead me to dead ends. I should be able to get this done by this sprint.
Bring in new code from main	1.5	Bringing in the new code and trying to adapt it to the production environment should not take this long, but I want to do it right and try to alleviate any issues that were not present in the dev build.

Total: 3.5

Research Feature Task Breakdown - Frank

Total: 2

Conclusion/summary	Name
Based one what I have here this should fit into my capacity this sprint. However, my action plan this week calls for me to do 1.5 hours of work, at least, each day. This means that I would go over my capacity so it would probably be better to increase my capacity to 10.5 hours. The LLD should be finished by Tuesday, giving enough time for the reviewer before the 17th. I can assist on other tasks that others may need help on.	Frank

Reputation Implementation Part 2 Task Breakdown - Rhoy

Task	Hours	Notes
Implement backend functionality for 1a/1b success cases listed on BRD	2	Having almost implemented all DAO functions that are required for most, if not all reputation related functionality. Success cases 1a and 1b listed in the BRD should use the same exact methods where distinction of the two cases depends on ratings given by a user.
Implement "View the reputation of other Users" backend functionality	1.5	After successfully debugging DAO functions I think implementing this will accurately take up only an hour. Only foreseeable problem is refactoring the UserProfile model/db to also include a user's reputation as a parameter
Implement "Gain reputation by creating and marking pins as completed" backend functionality	1	Completing this functionality should also be simple, having my functions be both single responsibility and universally accessible will make implementing this a lot easier.
Frontend	4	Not saying I'll be able to complete the frontend in this amount of time because I still need to do more research for front-end development but my goal is to start on this by Thurs or Friday

Total: 8.5

Conclusion/summary	Name
Wanted to reformat my task breakdown based on use cases because I felt that stating that I was working on the different layers is too broad	Rhoy

Peer Review Events (Joseph) Task Breakdown - Rhoy

Task	Hours	Notes
Look Over Design and BRD simultaneously	2	Since I'm not sure how many design diagrams or documents are being provided I'm estimating this time to

		ensure I understand what the use cases are and how Joseph intends to implement it based on his designs
Writing up the review	3	Though I may be doing this simultaneously as I look over all relevant documents, I want to make sure I think about any recommendations or errors that may need to be addressed and to make sure I elaborate on my recommendations

Total: 5

Refactor Backend Task Breakdown - Ghabe

Task	Hours	Notes
Account controller	2	
Pin controller	1	
Analysis controller	1	
Recovery controller	1	
Check if current tests still works	2	

Total: 7

Conclusion/summary	Name
After getting conformation that the dependency injection implementation is properly implemented. It will be easier to refactor current code to have dependency injection.	Ghabe

Peer Review Services (Frank) Task Breakdown - Josh

Task	Hours	Notes
Reviewing Diagrams	1.5	This period will be comparing the given LLDs to BRD requirements while also trying to determine any flaws found that could affect implementation
Design Changes	3.5	The most challenging aspect is finding flaws while also determining an effective way to deal with the flaws. Research is needed

Total: 5

Conclusion/summary	Name
Will use remaining capacity to fix errors found with alerts. I want to use my full capacity of 8 hours	Josh

File Upload Implementation part 1 Task Breakdown - David

Task	Hours	Notes
Upload file to S3 bucket using AJAX	4	
Download File from S3 bucket	4	

Total: 8

Sprint Conclusion

Original items:

Team Capacity: 56hrs

- Joseph: 16hrs
- Joshua: 8hrs
- Rhoy: 8hrs
- Frank: 8hrs
- Ghabe: 8hrs
- David: 8hrs

Work Items

- Events Implementation | Joseph | 32hrs
- Reputation implementation pt 2 | Rhoy | 8hrs

- Peer Review Picture Upload (David) | Joseph | 4hrs
- Peer Review Service (Frank) | Josh | 4hrs
- Peer Review Events (Joseph) | Rhoy | 4hrs

Total | 52

After Task Breakdown:

Team Capacity: 64.5hrs

- Joseph: 16hrs
- Joshua: 8hrs
- Rhoy: 14hrs
- Frank: 10.5hrs
- Ghabe: 8hrs
- David: 8hrs

Work Items

- Peer Review PictureUpload (David) | Joseph | 6hrs
- Peer Review Service (Frank) | Josh | 5hrs
- Peer Review Events (Joseph) | Rhoy | 5hrs
- Services LLD | Frank | 3hrs
- Events LLD | Joseph | 3hrs
- AWS setup | Frank | 3.5 hrs
- Research Feature | 2 hrs
- Alerts Implementation part 3 | Josh | 3hrs
- Events Implementation part 1 | Joseph | 7hrs
- Reputation implementation part 2 | Rhoy | 8.5 hrs

- File Upload Implementation part 1 | David | 8 hrs
- Refactor Back-end | Ghabe | 7 hrs

Total | 61

In conclusion, our team capacity is in range in completing the total hours in completing this sprint. 5/6 of us are working on our own feature and as a result have to beef up on our hours in order to complete our own app specific work items. For those who want to start implementing this week have a dependency in having a peer review conducted before starting implementation. With that being said, Peer review is pushed to be Priority 1 because the dead line is this monday 04/17/23.