

Sprint 18

Team Capacity Start: 56hrs

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

Work items

| Work item | Hours | Name | Goal date |
|--------------------------|-------|--------|-----------|
| Frontend Ajax request | 8 | Joseph | 03/12/23 |
| Spin up hosting a bckend | 8 | David | 03/12/23 |
| Deploy on AWS | 8 | Frank | 03/12/23 |
| Pinning Implementation | 16 | Ghabe | 03/12/23 |

Total: 40hrs

Deploy AWS Task Breakdown - Frank

| Task | Hours | Notes |
|---------------------|-------|---|
| Setting up AWS | 1 | Since this will be my first time setting up AWS I think that 1 hour will suffice for an initial start up. |
| Setting up Back-end | 4 | Since the whole of the AWS server is to make sure that the back-end has a place to be and function I think that this needs to have the most time. I think that assuming it works as well as it does on my local computer as it will on that computer it should not take as long as 4 hours, but I would rather have the buffer room to get any problems that may arise. |

| | | |
|-----------------------|---|---|
| Testing incoming code | 3 | Since we are coming up a code review for a feature having it function properly on a test environment on AWS is paramount to passing. Any issues that may arise will have to be taken into account with Ghabbe, Joseph, and Myself to solve the problem. This will likely be done on Saturday and Sunday |
|-----------------------|---|---|

Total: 8hrs

| Conclusion/summary | Name |
|--|-------|
| I think that 8 hours is accurate for this task because we need to make sure that it is all functioning properly to get any grade on this upcoming code review. It could take up more depending on if I get hung up on any particular part. | Frank |

Frontend Ajax request Task Breakdown - Joseph

| Task | Hours | Notes |
|---|-------|--|
| | | prerequisite to have a backend server. Since last sprint i've read some of the docs and watch videos on axios, it may be easier for me to incorporate. this maybe more than enough time, however I am giving my self extra room just in case |
| Login page to GET request | 2.5 | GETTING from the database and check validation |
| Registration page POST request | 2.5 | POSTING to the database and validation should occur at this stage |
| OTP Page | 1 | possible just to this on JS and have a validation check of the random string to be entered |
| Validation / cleaning index html files & JS files | 2 | |

Total: ~8hrs

| Conclusion/summary | Name |
|--------------------|------|
| | |

I gave myself buffer room for doing GET and POST request to the backend. Since the backend server is a prerequisite for me start testing and doing GET / POST request, I am going to help out to find a solution to have the hosting of the backend started.

Joseph

Hosting a Backend Task Breakdown - David

| Task | Hours | Notes |
|---|-------|-------|
| Create Web Application Framework and First Controller | 3 | |
| Create Controllers for each functionality in console main | 3 | |
| Testing and Integration with json from Front end | 2 | |

Total: 8hrs

| Conclusion/summary | Name |
|--|-------|
| It looks like most of the effort will be setting it up and testing 1 controller, then the rest of the controllers should be easy because your just changing parameters and method calls Mostly leg work to finish the rest of the controllers Probably wont immediately work with front-end so a few extra hours added | David |

Pinning Implementation Task Breakdown - Ghabe

| Task | Hours | Notes |
|---|-------|-------|
| Add pin type to database | 2 | |
| Fix middleware to connect frontend with backend | 4 | |
| create pins types based on brd | 4 | |
| allow reputable user to create pins | 2 | |
| create unit and e2e tests | 2 | |
| Integrate to current source code | 2 | |

Total: 16hrs

| Conclusion/summary | Name |
|---|-------|
| This sprint is to implement and integrate pinning | Ghabe |

into our current code. This functionality will continue on from the litter map by having pins data be post and get from the backend. I will be taking on the extra hours to my capacity for this sprint.

Backlog grooming

| Notes | name | date |
|-------|------|------|
| | | |

Sprint Conclusion

Original items:

Team Capacity: 56hrs

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

Work Items

- Pinning Implementation | 16hrs
- Frontend Ajax request | 8hrs
- Hosting a backend | 8hrs
- Deploy on AWS | 8hrs

Total | 40

After Task Breakdown:

Team Capacity: 56hrs

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

Work Items

- Pinning Implementation | 16hrs
- Frontend Ajax request | 8hrs
- Hosting a backend | 8hrs
- Deploy on AWS | 8hrs

Total | 40hrs

In conclusion our team capacity of 56hrs is within the limits of the total of our broken down task items which is 40hrs, as a result this sprint is doable. It is a huge gap compared to the work items and team capacity hours and because the team cannot help with app specific features, therefore ghabe had to take on extra hours in order to complete his own app specific feature. We gave these items enough buffer room in order to complete the work items.