

Sprint 3 - Report

Sprint Report

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|--------|------------|---------------|-------------------|
| Sprint | 3 | Sponsor | Merck |
| Date | 02/16/2024 | Project Title | Process Hierarchy |

Total Hours Worked

| | | | | |
|--------------|--------------|-----------------|--------------|-----------------|
| Name | @Tarif Ahmed | @Lauren Etsitty | @Aiden Astle | @Joseph Sanchez |
| Hours Worked | 5 | 5 | 5 | 6 |

Backlog Items Completed This Sprint

| # | Backlog Item | How Was It Tested/ Documented | Owner(s) | Est Hrs | Actl Hrs |
|---|--|---|------------------|--------------|--------------|
| 1 | Final Draft of the Project Charter | Reviewed the project charter in weekly team meeting with sponsor | All team members | 2 per person | 2 per person |
| 2 | Go program that connects to Amazon Neptune | Went over programs with each other on Wednesday weekly meeting ie code review | Lauren | 3 | 4 |
| 3 | Go program that connects to Arango DB | Went over programs with each other on Wednesday weekly meeting ie code review | Aiden | 4 | 3 |
| 4 | Go program that connects to elephant SQL | Went over programs with each other on Wednesday weekly meeting ie code review | Joseph | 4 | 3 |
| 5 | Go program that connects to noSQL | Went over programs with each other on Wednesday weekly | Tariff | 3 | 4 |

| | | | | | |
|--|--|------------------------|--|--|--|
| | | meeting ie code review | | | |
|--|--|------------------------|--|--|--|

Other Key Activities This Sprint

| Name | Description of Activity (or enter 'Not Applicable') | Actl Hrs |
|--|---|----------|
| Weekly team meeting with sponser | Received code and data in order to begin creating the database | 1 |
| Learning Go with more tutorials that count for our seminar retrospective | This includes learning websites, Youtube, and additional online tutorials | 2 |

Current Issues/Challenges (or enter 'None')

| Challenge | Remediation Plan |
|--|---|
| No mock data this week | We received it today and will be reviewing it in this upcoming sprint |
| Lauren: Not that familiar with creating databases so I had to do some extra research with how to set it up | Found multiple videos of how to create a dynamodb with Go on Youtube |

Retrospective Implementation from previous Sprint – how did it go?

Overall this sprint went extremely well. At the beginning of the week our focus was to complete the final draft of the project charter which was completed before Wednesday. On Thursday we gained more feedback for the project charter and made changes to our schedule and made it more specific. This included adding specific goals for each sprint. During our Tuesday meeting, we made the agreement to begin coding a Go program that connects to a graph database. Each team member was assigned a different database platform. This was great because it allowed each member to learn the pros and cons of each database while teaching us the fundamentals of Go.

Retrospective (Teamwork Improvement)

| Process Change | Implementation Plan | How is Success Measured |
|--|--|--|
| Taking more specific notes during meetings | <ul style="list-style-type: none"> Recording our zoom meetings Everyone uploading their notes after the meetings | <ul style="list-style-type: none"> We measure this based off of our basic understanding of the project. |

Plan for Next Sprint

| # | Backlog items To Be Completed | Priority | Owner(s) | Est Hrs |
|---|--|----------|------------------|---------|
| 1 | Complete Go programs that connect to various databases | 3 | All team members | 3 |
| 2 | Look over mock data and hierarchy to gain familiarity with how data should be organized | 2 | All team members | 3 |
| 3 | Continue completing go tutorials to gain familiarity with go | 4 | All team members | 2 |
| 4 | Clone the repository given to us by our sponsor into our own repository and begin playing around with it | 1 | All team members | 3 |