






Sprint 12- Report



Sprint	12	Sponsor	Merck
Date	4/26/2024	Project Title	Process Hierarchy

Total Hours Worked

Name	@Joseph Sanchez	@Tarif Ahmed	@Lauren Etsitty	@Aiden Astle
Hours Worked	9	10	11	10

Backlog Items Completed This Sprint

#	Backlog Item	How Was It Tested/ Documented	Owner(s)	Est Hrs	Actl Hrs
 C2M-87: dir ectly access A PI to output & store mock dat a into go struct s DONE	Storing output data into go structs	Go program	Joseph Sanchez	3	4
 C2M-90: ins ert data DONE	insert data	n/a	Tarif	5	4
 C2M-89: writ e query DONE	write query	n/a	tarif	5	6
 C2M-88: wit h stored go str ucts, use them to write queries to neptune DONE	Using go structs to write queries onto Neptune DB	Go program, Jupyter Notebooks	Joseph	4	5
 C2M-94: Im plement the pr ogram provide d in the databa se-model DONE	Implement the program provided in the database-model	VS Code and NoSQL Workbench	Lauren	3	3

 C2M-95: Load data into the database IN PROGRESS	Load data into the database	VS Code and NoSQL Workbench	Lauren	5	5
 C2M-96: Optimize the data retrieval IN PROGRESS	Optimize the data retrieval	VS Code and NoSQL Workbench	Lauren	1	1

Other Key Activities This Sprint

Name	Description of Activity (or enter 'Not Applicable')	Actl Hrs
tarif	Professor Palmari finally reached back to my email and we are figuring out a time to meet	n/a
lauren	Creating the presentation and adding content	2

Current Issues/Challenges (or enter 'None')

Challenge	Remediation Plan
issue arised in data model - tarif	consult with professor palmari

Retrospective Implementation from previous Sprint – how did it go?

<ul style="list-style-type: none"> We have been better with putting tasks on Jira, but have began lacking in updating the Confluence

Retrospective (Teamwork Improvement)

Process Change	Implementation Plan	How is Success Measured
Updating Confluence Sooner	Updating 3x throughout the week, once in the beginning, in the	No rushing necessary

	middle (wednesday), and at the end (friday)	

Plan for Next Sprint

#	Backlog items To Be Completed	Priority	Owner(s)	Est Hrs
C2M-91: begin testing access patterns <small>TO DO</small>	See Lauren's access patterns & test query time results	1	Joseph	5
C2M-92: change datamodel <small>TO DO</small>	update datamodel	1	tarif	5
C2M-93: store x path & results into neptune <small>TO DO</small>	Add the rest of vertexes to neptune	1	Joseph	4
C2M-96: Optimize the data retrieval <small>IN PROGRESS</small>	Continue working on loading data and optimizing the time of data retrieval	4	Lauren	4