

Sprint Planning 1/27 - 2/6 (11 days) (James)

Monday/Wednesday Meetings after class

Capacity:

Member	Available Hours	Assigned Hours
Blake	8	8
Isabel	12	10
Jacob	6	6
James	14	4
Naeun	10	7
Total	50	35

Events:

Blake	<ul style="list-style-type: none">- Friday: I am gone- Saturday: Partly Available- Sunday: I am gone
Isabel	
Jacob	<ul style="list-style-type: none">● Final Exam 1/26/2022● Final Exam 2/2/2022
James	<ul style="list-style-type: none">- February 1st Tutor Orientation- February 3rd Interview all day
Naeun	

Priority:

Capacity Check: Maybe

Total Story Point Hours = 28 +

Epic: Low Level Design					
Story: Logging (Assignee:)					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Service Layer (Assignee:) 8 hr					
Create function for compressing database data into CSV					
Create function for decompressing CSV data into database data					
Create a function that can generate a log object					
Data Access Layer (Assignee: Isabel) 6 Hr					
Create function for inserting a log to the database					
Create function for inserting decompressed data into the database					

Epic: Low Level Design					
Story: User Management (Assignee: Isabel) 24 Hr					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Application Layer (Assignee: Naeun) 7 Hr					
Unit Test Application Layer	1	3	2/6	Naeun	
User input error handling	2	2	2/6	Naeun	Checks for user input validation

Operation results	3	2	2/6	Naeun	Interpret Back End Results to be Readable to the User
Business Layer (Assignee: Blake) 8 hr					
Unit Test Manager Layer	1	3	2/6	Blake	Currently no unit testing exists for any of the functions in the business layer, they all need them
Remove loading of bulk operations	2	1	2/6	Blake	Loading bulk operations is a waste of memory, these must be removed
Replace bulk operation with executing requests one-by-one	3	2	2/6	Blake	After removing the loading of bulk operations there will need to be a way to read bulk operations sequentially without wasting memory
Finish Business Layer Functions as laid out in UML	4	2	2/6	Blake	There are still missing functions; if these functions don't work find a solution
Service Layer (Assignee: Isabel) 3 Hr					
Unit Test Service Layer	7	1	2/6		
Restructure Code so it works in sync with each layer	6	2	2/6	Jacob	Remove all errors from code so that service layer encounters no logs
Data Access Layer (Assignee: Jacob) 2.5 Hr					
Unit Test Data Access Layer	5	1	2/6		
Restructure Code so it works in sync with each layer	4	1.5	2/6	Jacob	Remove all errors from code so that service layer encounters no logs
Database (Assignee: Jacob) 3.5 Hr					

Restructure Tables (User Account & User Profile)	1	0.5	2/6	Jacob	
Program CSV compression from MariaDB	2	2	2/6	Jacob	
Program compressed CSV to MariaDB	3	1	2/6	Jacob	

Epic: Document Revision (Assignee: James) 4 Hr					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Story: Project Plan (Assignee: James) 4 hr					
Organize Dates	1	1	1/30	James	Realign dates to new syllabus
Include Core Tasks	2	1	2/4	James	Shift tasks according to new found dependencies
Update Feature Task Responsibilities	3	1	2/4	James	According to which teammates want to be in charge of
Include Sprint Start and End Dates	4	0.5	2/6	James	
Include Sprint Retrospective and Planning Dates	5	0.5	2/6	James	