

## Sprint Planning 2/7 - 2/20 (13 days)

Monday/Wednesday Meetings after class

### Capacity:

Member	Available Hours	Assigned Hours
Blake		
Isabel	25	33
Jacob	25.5	19
James	40	41
Naeun	25	
Danny	25	13
Kayla	30	30
Justin	25	30
<b>Total</b>	<b>210</b>	<b>156</b>

### Events:

Blake	- 2/13 Gone, 2/9 Gone
Isabel	- 2/12 DED, GONE, foRgEt ABouT HeR
Jacob	- 2/12 Gone for the superbowl party in LA
James	- 2/13 gone for the afternoon (Super Bowl)
Naeun	- 2/12 Gone, won't be available all day
Danny	- 2/13 Gone for sb, afternoon
Kayla	- 2/15-2-22 Gone
Justin	- 2/11 Gone

### Priority: Core Features

**Capacity Check:** Good to Go!

<b>Epic: Low Level Design</b>					
<b>Story: Logging (Assignee: Jacob)</b>					
<b>Tasks</b>	<b>Priority</b>	<b>Story Point (Hours)</b>	<b>Internal Due Date</b>	<b>Assignee</b>	<b>Description</b>
<b>Data Access Layer (Assignee: Isabel) 15 Hr</b>					
Create function for inserting a log to the database	2	5		Isabel	
Create function for inserting decompressed data into the database	3	5		Isabel	

<b>Epic: Low Level Design</b>					
<b>Story: User Management (Assignee: Isabel) 24 Hr</b>					
<b>Tasks</b>	<b>Priority</b>	<b>Story Point (Hours)naeu n</b>	<b>Internal Due Date</b>	<b>Assignee</b>	<b>Description</b>
<b>Application Layer (Assignee: Naeun) 7 Hr</b>					
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
<b>Business Layer (Assignee: Blake) 8 hr</b>					

Unit Test Manager Layer	1	3	2/6	Blake	Finish Unit Testing All Functions
Remove loading of bulk operations	2	1	2/6	Blake	Make this work as it currently is non functioning
Replace bulk operation with executing requests one-by-one	3	2	2/6	Blake	Complete this functionality
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
<b>Service Layer (Assignee: Isabel) 3 Hr</b>					
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
<b>Data Access Layer (Assignee: Jacob) 2.5 Hr</b>					
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
<b>Database (Assignee: Jacob) 3.5 Hr</b>					
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	

<b>Epic: Tech Proposals</b>
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Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
<b>Story: Vue JS (Assignee:) 3 hr</b>					
Fix Measurements	1	2	2/11	James	
Add Conclusion	3	0.5	2/11	James	
Add Introduction to Data	2	0.5	2/11	James	

<b>Epic: Unique Features</b>					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
<b>Story: Community Board (Assignee: James) 60 hr</b>					
Default Page	14	15		James	NOTE: not expected to be finished
Create Posts	8	5	2/21	James	NOTE: not expected to be finished
Create Post Record in Database	5	3	2/17	James	
Create Tables for Posts in Database	2	2	2/12	James	
Design Database Tables	1	5	2/12	James	
Upload Image	12	3	-	James	NOTE: not expected to be finished
Convert Image to jpeg	11	2	2/21	James	
Contain Image in Post Database	6	2	2/18	James	
Comment on Post	9	5	2/21	James	NOTE: not expected to be finished
Store Comment in Post Database	7	2	2/18	James	

Console Interaction with Features	13	5	-	James	
Design Sequence Diagrams for Creation of Posts	4	3	2/16	James	Must include images on Posts and interaction with comments and subscriptions
Design Sequence Diagrams for Creation of Comments	3	5	2/16	James	Must include comments stored into corresponding post
Store Subscriptions into User Accounts	10	3	-	James	
Design Sequence Diagram for Subscription Service	-	-	-	James	Must include connection between user profiles NOTE: not expected to be finished

#### Epic: Core Features

Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
<b>Story: Account Recovery (Assignee: Isabel) 18</b>					
Forgot Username	1	3	:)	Isabel	:)
Forgot Password	2	3	:)	Isabel	:)
Check if Username Exists	3	3	:)	Isabel	:)
Send Email to Recover Account	4	3	:)	Isabel	:)
Reset Password for Account	5	3	:)	Isabel	:)
Email username associated with email	6	3	:)	Isabel	:)
<b>Story: Authentication (Assignee: Naeun) hr</b>					
Authenticate username	2	3		Naeun	

Authenticate user password	3	3		Naeun	
Authenticate OTP	4	3		Naeun	
Authentication sequence diagram	1	3		Naeun	
<b>Epic: Unique Features</b>					
<b>Tasks</b>	<b>Priority</b>	<b>Story Point (Hours)</b>	<b>Internal Due Date</b>	<b>Assignee</b>	<b>Description</b>
<b>Story: Encrypted Direct Message (Assignee: Kayla) 30 hr</b>					
Create a default page	1	5		Kayla	
Check if the user previously opened a chat with the other user, if not all the end part to either accept or decline the user's request to open a chat with them	2	5		Kayla	
Allow users to delete chats	3	5		Kayla	
Allow users to block the other users, properly handle the messages coming from the blocked users	4	5		Kayla	
Notify the users if they receive new message, through the notification system	5	5		Kayla	
Handle character limit of 1000	6	5		Kayla	

Epic: Unique Features					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Story: Event List (Assignee: Justin) 4 hr					
Create a default page	2	3		Justin	
Event List Search by zip code / event title / event account	7	3		Justin	
Event List updates once at beginning and middle of week	9	3		Justin	
Event Account can only post once per day	3	2		Justin	
Event List Upload image	4	2		Justin	
Images converted to a jpeg and not exceed 1 MB	5	3		Justin	
Event list filters	6	4		Justin	
Select event post and register/cancel	8	2		Justin	
Unit Testing Event List	10	3		Justin	
Integration Testing Event List	11	3		Justin	
Event List Sequence Diagram	1	2		Justin	

Epic: Core Features					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Story: Account Creation (Assignee: Danny) 13 hr					

Create Account Class Object	2	5		Danny	
Create Operation SQL Code	3	2		Danny	
Unit Test Account Creation	4	2		Danny	
Integration Test Account Creation	5	3		Danny	
Insert Sequence Diagrams	1	1		Danny	

Epic: Core Features					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description
Story: Account Deletion (Assignee: Jacob) 13 hr					
Delete Account Class Object	2	5		Jacob	
Delete Operation SQL Code	3	2		Jacob	
Unit Test Account Deletion	4	2		Jacob	
Integration Test Acct Deletion	5	3		Jacob	
Sequence Diagrams Acct. Deletion	1	1		Jacob	
Manual Testing of Acct. deletion	6	1		Jacob	

Epic: Core Features					
Tasks	Priority	Story Point (Hours)	Internal Due Date	Assignee	Description



Story: Usage Analysis Dashboard (Assignee: James) 41 hr					
<del>Default Page</del>	11	10	-	James	NOTE: not expected to be finished
Database Analytics Collection Service	4	5	-	James	
Automate Collection Every 60 Seconds	6	2	-	James	
<del>User Role Authorization Integration</del>	5	2		James	Requires functioning code from Blake. NOTE: not expected to be finished
User Interface Views	7	7		James	
<del>Display Interactive Analytic Charts</del>	8	4		James	NOTE: not expected to be finished
<del>Test Development w/ Custom URL</del>	10	3		James	NOTE: not expected to be finished
Design Data Storage for Updated Analytics	1	1		James	
Console Interaction with Features	9	3		James	
Design Sequence Diagrams for Analytic Collection	3	3		James	
Design Sequence Diagram for Data Collection and Display	2	5		James	