Sprint 2

Sprint Planning for Sprint 2 - 1/3/24:

- Interval from 1/3/24 to 1/19/24

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Julie	18
Jason	18
Kihambo	10
Diego	18
Shane	18
Total	82

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Project plan	18	Julie
DataAccessLibrary design and documentation	18	Kihambo
DataAccessLibrary coding and testing	18	Jason
Logging Library design and documentation	18	Diego
Logging Library coding and testing	18	Shane

Task Breakdown:

Shane's Work Item: Logging Library coding and testing (Internal Due Date 12/9):

1. Code Logging Library (9 hours)
2. Code Test Cases (9 hours)

Estimate for Work Item: 18 hours

**Julie's Work Item: Project Plan
(Internal Due Date 1/17):**

1. Project Risks (6 hours)
2. Project Gantt chart (6 hours)
3. Project Roadmap (4 hours)
4. Project Statistics (2 hours)

Estimate for Work Item: 18 hours

**Kihambo's Work Item: DataAccessLibrary design and doc
(Internal Due Date 12/9):**

1. Draft DAL low level design doc (9 hours)
2. Draft the sequence diagrams (9 hours)

Estimate for Work Item: 18 hours

**Diego's Work Item: Logging Library design and doc
(Internal Due Date 12/9):**

1. Draft Logging low level design doc (9 hours)
2. Draft the sequence diagrams (9 hours)

Estimate for Work Item: 18 hours

**Jason's Work Item: DataAccessLibrary coding and testing
(Internal Due Date 12/9):**

1. Code DAL Library (9 hours)
2. Code Test Cases (9 hours)

Estimate for Work Item: 18 hours

Total Estimate = 90 hours

Individual Breakdown

Julie Reyes

Work Item	Task	Estimation in pts	Team Confirmation
Project Plan	1.Project Risks	6	JR, JJ, KM, SK DG
	2.Create Gantt Chart	6	JR, JJ, KM, SK DG
	3.Create Roadmap	4	JR, JJ, KM, SK DG
	4.Project Statistics	2	JR, JJ, KM, SK DG
Total		18	

1. Project risks = 6
2. Gantt chartt = 6
3. Roadmap = 4
4. Statistics = 2

Total New Estimate = 18 hrs

18 hrs - 18 hrs = 0 extra hrs. This is the expected work estimation based on the initial work estimate given.

Jason Jitsiripol

Work Item	Task	Estimation in pts	Team Confirmation
DataAccessLibrary coding and testing	1. Researching Previous attempts from old and other groups	2	JR, JJ, KM, SK DG
	2. Draft Test Cases	4	JR, JJ, KM, SK DG
	3. Draft initial DAL code	4	JR, JJ, KM, SK DG
	4. Testing DAL code and fix any code issues from testing	8	JR, JJ, KM, SK DG
Total		18	

1. DataAccessLibrary Coding and Testing: 2 + 4 + 4 + 8

Total New Estimate = 18 hrs

18 hrs - 18 hrs = 0 extra hrs. This is the expected work estimation based on the initial work estimate given.

Shane

Work Item	Task	Estimation in pts	Team Confirmation
Coding Logging Library	Draft Code	4	SK
	Revise code	4	SK
Testing Logging Library	Write test cases	3	SK
	Debug code	5	SK
Total		16	

1. authorization coding/testing = 8
2. authentication coding/testing = 8

Total New Estimate = 16 hrs

16 hrs - 18 hrs = 2 extra hrs. This is the expected work estimation based on the initial work estimate given.

Kihambo

Work Item	Task	Estimation in pts	Team Confirmation
DA Design and Documentation	1. Create low level design	6	JR, JJ, KM, SK DG
	2. Draft sequence diagram	4	JR, JJ, KM, SK DG
Total		10	

3. Creating low level design = 6
4. Drafting sequence diagram = 4

Total New Estimate = 10 hrs

10 hrs - 18 hrs = 8 extra hrs. This is the expected work estimation based on the initial work estimate given.

Diego

Work Item	Task	Estimation in pts	Team Confirmation
Logging Design and Documentation	1. Draft low level design document	9	JR, JJ, KM, SK DG
	2. Draft Sequence Diagram	9	JR, JJ, KM, SK DG
Total		18	

1. 1. Draft low level design document = 9
2. 2. Draft Sequence Diagram = 9
Total New Estimate = 18 hrs

18 hrs - 18 hrs = 0 less hrs. This is the expected work estimation based on the initial work estimate given.

Team individual estimate total = 80

Final Analysis:

Do we accept the **Project Plan**?:

Julie	Yes
Jason	yes
Shane	Yes
Kihambo	Yes

Diego	Yes

5 Yes/0 No: We will accept the current effort estimation for Milestone 2 Security Library.

Team Member Comments:

- Jason: I think testing will take more time than estimation.

Do we accept **DataAccessLibrary**?:

Julie	Yes
Jason	yes
Shane	Yes
Kihambo	Yes
Diego	Yes

5 Yes/0 No: We will accept the current effort estimation for Milestone 2 User Management Library.

Do we accept **Logging Library**?:

Julie	Yes
Jason	Yes
Shane	Yes
Kihambo	Yes
Diego	Yes

5 Yes/0 No: We will accept the current effort estimation for Milestone 2 Network Diagram

Is Team Phoenix within our sprint capacity?:

Work Item	Original Estimate	New Team Estimate

Project Plan	18	18
DataAccessLibrary	36	30
Logging Library	36	34
Total	90	80

Team capacity - estimated hours:

90 - 80 = 10 hours

We have 10 hours available, thus we are within our team's sprint capacity.

Since this is for the Incomplete assignment we really should spend extra time making sure it is complete before the 19th. Therefore we won't pull in any other tasks. Additionally we had some setbacks last sprint so having 10 extra hours should be nice padding for us to spend extra time that may be needed accounting for whatever risks may occur this sprint.