

## Sprint 1

Sprint Planning for Sprint 1 - 11/28/23:

- Interval from 11/28/23 to 12/11/23

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Joshua	16
Jason	16
Kihambo	16
Nathan	16
Diego	16
Steven	16
Shane	16
Total	112

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Milestone 2 Security Library Authorization	15	Shane
Milestone 2 Security Authentication	15	Joshua
Milestone 2 User Management Registration	15	Steven
Milestone 2 User Management Modification	15	Kihambo
Milestone 2 User Management Deletion	15	Nathan
Milestone 2 User Management Recovery	15	Diego
Milestone 2 Network Diagram	16	Jason

Task Breakdown:

**Shane's Work Item: Milestone 2 Security Library Authorization  
(Internal Due Date 12/9):**

1. Draft Low Level Design of Authorization(7 hours, Assigned to Shane)
2. Coding Authorization (8 hours, Assigned to Shane)

Estimate for Work Item: 15 hours

**Josh's Work Item: Milestone 2 Security Library Authentication  
(Internal Due Date 12/9):**

1. Draft Low Level Design of Authentication (7 hours, Assigned to Josh)
2. Coding Authentication (8 hours, Assigned to Josh)

Estimate for Work Item: 15 hours

**Steven's Work Item: Milestone 2 User Management Library  
Registration (Internal Due Date 12/9):**

1. Code User Registration (8 hours, Assigned to Steven)
2. Draft the User Registration low level design (7 hours, Assigned to Steven)

Estimate for Work Item: 15 hours

**Kihambo's Work Item: Milestone 2 User Management Library  
Modification (Internal Due Date 12/9):**

1. Code User Modification (8 hours, Assigned to Kihambo)
2. Draft the User Modification low level design (7 hours, Assigned to Kihambo)

Estimate for Work Item: 15 hours

**Nathan's Work Item: Milestone 2 User Management Library  
Deletion(Internal Due Date 12/9):**

1. Draft the User Deletion low level design (7 hours, Assigned to Nathan)
2. Code User Deletion (8 hours, Assigned to Nathan)

Estimate for Work Item: 15 hours

### Diego's Work Item: Milestone 2 User Management Library Recovery(Internal Due Date 12/9):

1. Code User Recovery (8 hours, Assigned to Diego)
2. Draft the User Recovery low level design (7 hours, Assigned to Diego)

Estimate for Work Item: 15 hours

### Jason's Work Item: Milestone 2 Network Diagram (Internal Due Date 12/9):

1. Draft the initial overall network diagram (8 hours, Assigned to Jason)
2. Revise network diagram (multiple revisions) (8 hours, Assigned to Jason)

Estimate for Work Item: 16 hours

**Total Estimate = 106 hours**

### Joshua Reyes

Work Item	Task	Estimation in pts	Team Confirmation
Security Library Authentication coding	1.research for the coding	2	JR, JJ, KM, NW, SK, SH, DG
	2.code initial draft	2	JR, JJ, KM, NW, SK, SH, DG
	3.code test cases	2	JR, JJ, KM, NW, SK, SH, DG
	4.send in for revisions	2	JR, JJ, KM, NW, SK, SH, DG
Security Library Authentication doc drafting	1.research for the doc	2	JR, JJ, KM, NW, SK, SH, DG
	2.look at initial code for the draft of classes/interfaces	2	JR, JJ, KM, NW, SK, SH, DG

	3.start initial draft	2	JR, JJ, KM, NW, SK, SH, DG
	4.send in for revisions	2	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

1. authorization doc drafting = 8
2. authentication doc drafting = 8 hrs

Total New Estimate = 16 hrs

15 hrs - 16 hrs = 1 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
Network diagram research and initial draft	1.Researching network diagrams	2	JR, JJ, KM, NW, SK, SH, DG
	2.Draft the Identities to network diagram	3	JR, JJ, KM, NW, SK, SH, DG
	3.Draft the Network Traffic across system	3	JR, JJ, KM, NW, SK, SH, DG
Network diagram revision	4.Get Feedback on Draft (multiple times)	2	JR, JJ, KM, NW, SK, SH, DG
	5.revise network diagram (multiple revisions)	4	JR, JJ, KM, NW, SK, SH, DG
	6.Make Final Draft	2	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

1. Network Diagram Research & draft: 2 hrs + 3 hrs + 3 hrs = 8 hrs
2. Network Diagram revision: 2 + 4 + 2 = 8 hrs

Total New Estimate = 16 hrs

16 hrs - 16 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
Security library authorization coding and testing	1.Research on Security Libraries and Authorization Methods	2	JR, JJ, KM, NW, SK, SH, DG
	2.Coding Authorization	3	JR, JJ, KM, NW, SK, SH, DG
	3.Testing Authorization	3	JR, JJ, KM, NW, SK, SH, DG
Security library authorization doc drafting	1.look at code	2	JR, JJ, KM, NW, SK, SH, DG
	2.daft initial design	3	JR, JJ, KM, NW, SK, SH, DG
	3.get revisions and make changes	3	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

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

Total New Estimate = 16 hrs

15 hrs - 16 hrs = 1 extra hrs. This is the expected work estimation based on the initial work estimate given.

## Steven

Work Item	Task	Estimation in pts	Team Confirmation
User Management Registration coding	1.Research for the doc	2	JR, JJ, KM, NW, SK, SH, DG
	2.make initial draft of code	2	JR, JJ, KM, NW, SK, SH, DG
	3.make test cases	2	JR, JJ, KM, NW, SK, SH, DG
	4.Revisions	2	JR, JJ, KM, NW, SK, SH, DG
User Management registration drafting doc	1.Research for the doc	2	JR, JJ, KM, NW, SK, SH, DG
	2.Look at the initial code for the draft of classes/interfaces	2	JR, JJ, KM, NW, SK, SH, DG
	3.Start initial draft	2	JR, JJ, KM, NW, SK, SH, DG
	4.Revisions	2	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

1. Registration doc drafting = 8
2. Modification doc drafting = 8

Total New Estimate = 16 hrs

15 hrs - 16 hrs = 1 extra hrs. This is the expected work estimation based on the initial work estimate given.

## Kihambo

Work Item	Task	Estimation in pts	Team Confirmation
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Modification coding/testing	1. research what software to use for modification	2	JR, JJ, KM, NW, SK, SH, DG
	2. code	4	JR, JJ, KM, NW, SK, SH, DG
	3. test code and debug	2	JR, JJ, KM, NW, SK, SH, DG
Modification drafting	1.research how to properly draft	2	JR, JJ, KM, NW, SK, SH, DG
	2.observer code	2	JR, JJ, KM, NW, SK, SH, DG
	3.make low level design draft	4	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

3. modification coding/testing = 8

4. Modification drafting = 8

Total New Estimate = 16 hrs

15 hrs - 16 hrs = 1 extra hrs. This is the expected work estimation based on the initial work estimate given.

## Nathan

Work Item	Task	Estimation in pts	Team Confirmation
<ul style="list-style-type: none"> <li>User Management Deletion doc drafting</li> </ul>	1.Research about user deletion	3	JR, JJ, KM, NW, SK, SH, DG
	2.Draft the deletion documentation	3	JR, JJ, KM, NW, SK, SH, DG

<ul style="list-style-type: none"> <li>User Management Deletion Coding</li> </ul>	1.Code user deletion	5	JR, JJ, KM, NW, SK, SH, DG
	2.Test user deletion code	5	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		16	

1. User management deletion coding = 5
2. User management deletion testing = 5
3. User management deletion research = 3
4. User management deletion drafting = 3

Total New Estimate = 16 hrs

15 hrs - 16 hrs = 1 extra hrs. This is the expected work estimation based on the initial work estimate given.

## Diego

Work Item	Task	Estimation in pts	Team Confirmation
<ul style="list-style-type: none"> <li>user management recovery doc drafting</li> </ul>	1.user management recovery research	2	JR, JJ, KM, NW, SK, SH, DG
	2.user management recovery coding	6	JR, JJ, KM, NW, SK, SH, DG
<ul style="list-style-type: none"> <li>user management recovery</li> </ul>	1.user management	2	JR, JJ, KM, NW, SK, SH, DG



coding/testing	recovery testing		
	2.user management recovery doc drafting	4	JR, JJ, KM, NW, SK, SH, DG
<b>Total</b>		14	

1. User management recovery coding = 4
2. User management recovery testing = 6
3. User management recovery research = 2
4. User management recovery drafting = 4

Total New Estimate = 16 hrs

15 hrs - 14 hrs = 1 less hrs. This is the expected work estimation based on the initial work estimate given.

Team individual estimate total = 110

### Final Analysis:

Do we accept **Milestone 2 Security Library**?:

Joshua	Yes
Jason	No
Shane	Yes
Steven	Yes
Kihambo	Yes
Nathan	Yes
Diego	Yes

4 Yes/1 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 **Milestone 2 User Management Library**?:

Joshua	Yes
Jason	No
Shane	Yes
Steven	Yes
Kihambo	Yes
Nathan	Yes
Diego	Yes

4 Yes/1 No: We will accept the current effort estimation for Milestone 2 User Management Library.

Team Member Comments:

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

Do we accept **Milestone 2 Network Diagram**?:

Joshua	Yes
Jason	Yes
Shane	Yes
Steven	Yes
Kihambo	Yes
Nathan	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
Milestone 2 Security Library	30	62
Milestone 2 User Management Library	54	32
Milestone 2 Network Diagram	16	16
Total	106	110

Team capacity - estimated hours:

$112 - 110 = 2$  hours

We have 2 hours available, thus we are within our team's sprint capacity.

There are no task/work items available to fill in the 2 extra hours plus 2 hours is really close to the capacity. So as we are focusing fully on milestone 2, The extra hours will be spent implementing feedback from the client and helping team members with their revisions if needed.