**Sprint 1 Planning 11/27-12/8**

**Team Capacity:**

|  | **Mon** | **Tue** | **Wed** | **Thur** | **Fri** | **Mon** | **Tue** | **Wed** | **Thur** | **Fri** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Developer** | **11/27** | **11/28** | **11/29** | **11/30** | **12/1** | **12/4** | **12/5** | **12/6** | **12/7** | **12/8** | **Total** |
| **Jacob Phillips** | **0** | **2** | **3** | **2** | **2** | **3** | **3** | **3** | **3** | **1** | **22 hrs** |
| **Aiden Hock** | **0** | **3** | **1** | **3** | **1** | **3** | **1** | **3** | **1** | **2** | **18 hrs** |
| **Kameron Ferrer** | **0** | **2** | **2** | **3** | **3** | **2** | **3** | **2** | **3** | **3** | **23 hrs** |
| **Parth Thanki** | **0** | **2** | **3** | **1** | **2** | **3** | **2** | **3** | **1** | **2** | **19 hrs** |
| **An Nguyen** | **0** | **1** | **3** | **1** | **3** | **3** | **1** | **3** | **1** | **3** | **19 hrs** |
| **Khuong Nguyen** | **0** | **1** | **3** | **1** | **3** | **3** | **1** | **3** | **1** | **3** | **19 hrs** |

**Total Sprint Capacity:**

* 120 hrs

| **Developer** | **Foreseeable Risks** |
| --- | --- |
| **Jacob Phillips** | * 11/30   + Only available morning * 12/1   + Only available for meet for 6-7pm |
| **Aiden Hock** | * I have work mon, wed, fri, sat.   + 1:45 pm - 6 pm |
| **Kameron Ferrer** | * 12/3   + Work from 11:30am - 6pm * 12/8   + Taking care of grandpa |
| **Parth Thanki** | * None |
| **An Nguyen** | * None |
| **Khuong Nguyen** | * None |

**Work Items From Backlog:**

* Total hours should be less than or equal to capacity

Network Diagram - 20 Hrs

* System Network Diagram (20 hrs) - Jacob

Security Library - 40 Hrs

* Authentication (20 hrs) - Aiden
* Authorization (20 hrs) - Kameron

User Management Library - 60 Hrs

* User Account Registration(15 hrs) - An
* User Profile Modification(15 hrs)- Parth
* User Account Deletion(15 hrs) - Jacob
* User Account Recovery(15 hrs) - Khuong

Submission - 3.5 Hrs - Kameron

**Total Work Item Capacity:**

* 120 hrs

**Personal Evaluation Breakdown:**

**Jacob**

Work Item: Network Diagram (Internal Due Date: 12/10/2023)

1. Create a Diagram of overall system network traffic: (6 Hrs) (Assigned to Jacob)
2. Revise diagram based on Vong’s feedback: (5 Hrs) (Assigned to Jacob)

New estimate for work item: 11 hrs

I estimate that there are 9 fewer hours than expected

Work Item: User Management Library (Internal Due Date: 12/10/2023)

1. Create low-level account deletion design docs (2 hrs) (Assigned to Jacob)
2. Revise low-level account deletion design docs (2 hrs) (Assigned to Jacob)
3. Create user account deletion library and tables: (2 hrs) (Assigned to Jacob)
4. Revise user account deletion library and tables: (2 hrs) (Assigned to Jacob)
5. Create user account deletion library automated tests (3 hrs) (Assigned to Khuong)
6. Revise user account recovery library automated tests (3 hr) (Assigned to Khuong)

New estimate for work item: 14 hrs

I estimate that there are 1 fewer hours than expected

**Kameron**

Work Item: Authorization Library (Internal Due Date: 12/10/2023)

1. Create low-level authorization design docs (3 hrs) (Assigned to Kameron)
2. Revise low-level authorization design docs (1 hrs) (Assigned to Kameron)
3. Create authorization library and tables: (7 Hrs) (Assigned to Kameron)
4. Revise authorization library and tables: (4 Hrs) (Assigned to Kameron)
5. Create authorization library automated tests (3 Hrs) (Assigned to Kameron)
6. Revise authorization library tests (2 Hrs) (Assigned to Kameron)

New estimate for work item: 20 hrs

I estimate there will be the same amount of hours of work as expected

Work Item: Submit Milestone 2 to Professor Vong (Internal Due Date: 12/10/2023)

1. Commit Security Library to Github repository (0.5 hrs) (Assigned to Jacob)
2. Resolve Merge Conflicts (1 hr) (Assigned to Jacob)
3. Commit User Management Library to Github repository  
   (0.5 hrs) (Assigned to Parth)
4. Resolve Merge Conflicts (1 hr) (Assigned to Parth)
5. Consolidate User Management and Security Low Level documents, Network Diagram, and Github Link into one email to send to Professor Vong (0.5 hrs) (Assigned to Kameron)

New estimate for work item: 3.5 hrs

I estimate there will be the same amount of hours of work as expected

**Aiden**

Work Item: Authentication Library (Internal Due Date: 12/10/2023)

1. Create low-level authentication design docs (5 hrs) (Assigned to Aiden)
2. Revise low-level authentication design docs (2 hrs) (Assigned to Kameron)
3. Create authentication library and tables: (6 Hrs) (Assigned to Aiden)
4. Revise authentication library and tables: (3 Hrs) (Assigned to Aiden)
5. Create authentication library automated tests (2.5 Hrs) (Assigned to Aiden)
6. Revise authentication library tests (1.5 Hrs) (Assigned to Aiden)

New estimate for work item: 20 hrs

I estimate there will be the same hours of work than expected

**Parth**

Work Item: User Profile Modification Library (Internal Due Date: 12/10/2023)

1. Create low-level design docs for User Profile Modification (2 hrs) (Assigned to Parth)
2. Revise low-level design docs for User Profile Modification (1 hr) (Assigned to Parth)
3. Create User Profile Modification library (3 hrs) (Assigned to Parth)
4. Revise User Profile Modification library (3 hrs) (Assigned to Parth)
5. Create automated tests for User Profile Modification library (3 hrs) (Assigned to Parth)
6. Revise automated tests for User Profile Modification library (3 hrs) (Assigned to Parth)
7. Commit User Management Library to Github repository  
   (0.5 hrs) (Assigned to Parth)
8. Resolve Merge Conflicts (1 hr) (Assigned to Parth)

New estimate for work item: 16.5 hrs

I estimate there will be the same amount of hours of work as expected

**An**

Work Item: User Account Registration Library (Internal Due Date: 12/10/2023)

1. Create low-level Account Registration design docs (3 hrs) (Assigned to An)
2. Revise low-level Account Registration design docs (1 hrs) (Assigned to An)
3. Create Account Registration library and tables: (3 Hrs) (Assigned to An)
4. Revise Account Registration library and tables: (3 Hrs) (Assigned to An)
5. Create Account Registration library automated tests (3 Hrs) (Assigned to An)
6. Revise Account Registration library tests (2 Hrs) (Assigned to An)

New estimate for work item: 15 hrs

I estimate there will be the same amount of hours of work as expected

**Khuong**

Work Item: User Account Recovery Library (Internal Due Date: 12/10/2023)

1. Create low-level account recovery design docs (3 hrs) (Assigned to Khuong)
2. Revise low-level account recovery docs (2 hr) (Assigned to Khuong)
3. Create account recovery library and tables: (3 hrs) (Assigned to Khuong)
4. Revise account recovery library and tables: (2 hr) (Assigned to Khuong)
5. Create account recovery library automated tests (3 hrs) (Assigned to Khuong)
6. Revise account recovery library automated tests (2 hr) (Assigned to Khuong)

New estimate for work item: 15

I estimate there will be the same amount of work compared to the initial estimation.

**Team Evaluation Breakdown:**

Note: Default to largest estimation value

Do we agree with the estimations for the Network Diagram? (11 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Authorization Library? (20 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Authentication Library? (20 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Account Registration Library? (15 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Profile Modification Library? (15 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Account Deletion Library? (14 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for the Account Recovery Library? (15 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

Do we agree with the estimations for Submission? (3.5 hrs) (Y/N)?

Jacob: Y

Kameron: Y

Aiden: Y

Parth: Y

An: Y

Khuong: Y

If No, Why?

**Assigned Tasks**

| **Developer** | **Capacity (hrs)** | **Assigned Tasks (personal estimate hours)** |
| --- | --- | --- |
| **Jacob** | **22 - 11 = 10**  **10 - 8 = 2**  **2 - 1.5 - 0.5**  **I have 0.5 extra hrs to help others** | Network Diagram  System Network Traffic diagram: (6 hrs)  Revisions for System Network Traffic diagram: (5 hrs)  User Management Library:  Create low-level account deletion design docs (2 hrs)  Revise low-level account deletion design docs (2 hrs)  Create account deletion library and tables: (2 hrs)  Revise account deletion library and tables: (2 hrs)  Submission  Commit Security Library to Github Repository (0.5 hrs)  Resolve Merge Conflicts (1 hr) |
| **Kameron** | **23 - 22 = 1 - 0.5 = 0.5 hrs** | Security Library:  Create low-level authorization design docs (3 hrs)  Revise low-level authorization design docs (1 hrs)  Revise low-level authentication design docs (2 hrs)  Create authorization library and tables: (7 Hrs)  Revise authorization library and tables: (4 Hrs)  Create authorization library automated tests (3 Hrs)  Revise authorization library tests (2 Hrs)  Submission:  Consolidate User Management and Security Low-Level documents, Network Diagram, and Github Link into one email to send to Professor Vong (0.5 hrs) |
| **Aiden** | **18 - 18 = 0** | Security Library:  Create low-level authentication design docs (5 hrs)  Create authentication library and tables: (6 Hrs)  Revise authentication library and tables: (3 Hrs)  Create authentication library automated tests (2.5 Hrs)  Revise authentication library tests (1.5 Hrs) |
| **Parth** | **19 - 16.5 = 2.5**  **I have 2.5 fewer hours of work to help others** | User Management Library:  Create low-level Profile Modification design docs: (2 hrs)  Revise low-level Profile Modification design docs: (1 hrs)  Create Profile Modification library and tables: (3 Hrs)  Revise Profile Modification library and tables: (3 Hrs)  Create Profile Modification library automated tests: (3 Hrs)  Revise Profile Modification library automated tests: (3 Hrs)  Submission:  Commit User Management Library to the GitHub repository (0.5 hrs)  Resolve Merge Conflicts (1 hr) |
| **An** | **19 - 18 = 1**  **I have 1 less hour of work** | User Management Library:  Create low-level Account Registration design docs: (3 hrs)  Revise low-level Account Registration design docs: (1 hrs)  Create Account Registration library and tables: (3 hrs)  Revise Account Creation library and tables: (3 hrs)  Create Account Registration library automated tests: (3 hrs)  Revise Account Registration library tests: (2 hrs)  Revise Account Deletion automated tests: (3 hrs) |
| **Khuong** | **19 - 18 = 1**  **I will have 1 less hour of work as my capacity** | User Management Library:  Create low-level Account Recovery design docs: (3 hrs) Revise low-level Account Recovery design docs: (2 hrs) Create Account Recovery library and tables: (3 hrs)  Revise Account Recovery library and tables: (2 hrs)  Create Account Recovery automated tests: (3 hrs)  Revise Account Recovery automated tests: (2 hrs)  Create Account Deletion automated tests: (3 hrs) |

120 - 114.5 = 5.5 hrs

We have 5.5 hrs available. We are in team capacity

**Client Demo:**

Scheduled to be on 12/18 during Team Review