

Sprint 6 Planning

November 29, 2022 - December 13, 2022

CAPACITY

1. Josh: 15 Hours
2. Matthew: 8 Hours
3. Judy: 10 Hours
4. Githel: 16 Hours
5. Haley: 8 Hours
6. Allison: 18 Hours

Total: 79

ASSIGNED WORK

[Work Item] - Granular Task

Team Member	Assigned Work	Hours
Josh	[BoM] DAR Report	3
Josh	[BRD] Revisions	3
Josh	[LLD] Registration	3
Josh	Registration Implementation	3
Josh	Authentication Implementation	3
Matthew	[BoM] Dar Report - Archive Storage	4
Matthew	[BoM] Dar Report - Revisions	4
Judy	[BoM] DAR Report - Archiving	2
Judy	[BoM] DAR Report - Calendar and Archiving Revisions	2

Judy	[Authentication] Implementation, Logging, Unit Tests	6
Githel	[BoM] DAR Report - Frontend Framework	2
Githel	[BoM] DAR Report - Web Hosting	2
Githel	[BoM] DAR Report - Notifications	2
Githel	[Authorization] Success & Failure LLD	2
Githel	[Authorization] Implementation	4
Githel	[Authorization] Unit & Integration Tests	2
Haley	[BoM] DAR Report - Calendar Revisions	4
Haley	[Authentication] LLD Failures Revisions	2
Haley	[Authentication] LLD Success Revisions	2
Allison	[Authentication] Login Implementation, Logging, Unit Tests	8
Allison	Registration LLD	3
Allison	[BoM] DAR Report - Charting libraries	5

TASK BREAKDOWN

Josh

[BoM] DAR Report

- Notifications: 1.5 Hours
- Calendar: 1.5 Hours

[LLD] Registration Revisions

- Failure Scenarios - Classes/Method Signatures: 1.5 Hours
- Success Scenarios - Classes/Method Signatures: 1.5 Hours

[BRD] Revisions: 3 Hours

- Describing the behavior and constraints of each functionality
- Removing implementation details

Authentication:

- Implementation - OTP/Login: 2 Hours
- Unit/Integration Tests: 1 Hour

Registration:

- Implementation - Unique Email/Username: 2 Hours
- Unit/Integration Tests: 1 Hour

Matthew

[BoM] Dar Report

- Archive Storage: 4 Hours

[BoM] Dar Report - Revisions 4 Hours

- Reduce weights for metrics and adding more quantifiable metrics for BRD needs

Judy

[BoM] DAR Report - Archiving: 2 hours

[BoM] DAR Report - Archiving and Calendar revisions: 2 hours

[Authentication] Implementation, Unit & Integration Tests: 6 hours

Githel

[BoM] DAR Report - Frontend Framework: 2 hours

- Research and revisions for more quantifiable metrics for BRD needs: 1 hour
- Write up new evaluations based on quantifiable metrics: 1 hour

[BoM] DAR Report - Web Hosting: 2 hours

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- Research and revisions for more quantifiable metrics for BRD needs: 1 hour
 - Write up new evaluations based on quantifiable metrics: 1 hour

[BoM] DAR Report - Notifications: 2 hours

- Research and revisions for more quantifiable metrics for BRD needs: 1 hour
- Write up new evaluations based on quantifiable metrics: 1 hour

[Authorization] Success & Failure LLD Revisions: 2 hours

- Research for Success and Failure classes and functions: 1 hour
- Draft LLD for Success Cases: 0.5 hour
- Draft LLD for Failure Case: 0.5 hour

[Authorization] Implementation: 4 hours

- Configure database and tables: 1 hour
- Create Claim & Claims models: 1 hour
- Implement AuthorizationDAO object: 1 hour
- Implement AuthorizationService object: 1 hour

[Authorization] Unit & Integration Tests: 2 hours

- Outline and implement unit tests: 1 hour
- Outline and implement integration tests: 1 hour

Haley

[BoM] DAR Report Calendar Revisions: 4 hours

- Research and revisions for more quantifiable metrics for BRD needs: 2 hour
- Write up new evaluations based on quantifiable metrics: 2 hour

[Authentication] LLD Failures Revisions: 2 hours

- Research: 1 hour
- Draft LLD after revisions and research: 1 hour

[Authentication] LLD Success Revisions: 2 hours

- Research: 1 hour
- Draft LLD after revisions and research: 1 hour

Allison

[BoM] DAR

- JS Charting Library Technology Comparison: 2 hours
- Archiving and Calendar DAR Revisions: 3 hours

[BOM]

[Authentication] Implementation

- Configure Database (add necessary columns): 1 hour
- Login tasks from previous sprint:
 - Add Client class: 1 hour
 - Add Data access object, implement methods to add/update records in MariaDB: 1 hour
 - Add Password/OTP code verification to UserManager: 1 hour
 - Add logging: 1 hour
 - Add Unit Tests: 2.5 hours

[Registration] LLD

- Success Scenarios:
 - Added class instances, method signatures, updated queries, one-time password generation: 1 hour
- Failure Scenarios:
 - Added class instances, method signatures, HTTPS codes, queries, one-time password generation: 1 hour