

Sprint 3

Sprint Planning for Sprint 3 - 1/22/24:

- Interval from 1/22/24 to 2/12/24

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Julie	34
Jason	30
Kihambo	24
Diego	30
Shane	24
Parth	40
Khuong	40
An	40
Total	262

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Artist Portfolio	40	Julie
Scale Display	40	Kihambo
DAR report	40	Jason
Authentication	30	Diego
Authorization	30	Shane
User Modification	30	Parth
User Creation, Setting Up AWS, Log-in & Log outs	60	An
User Recovery, User Deletion	60	Khuong

Task Breakdown:

Shane's Work Item: Authorization (Internal Due Date 2/11):

1. Front End Research(5 Hours)
2. Designing (3 hours)
3. Front end coding(8 hours)
4. Testing coding(8 hours)

Estimate for Work Item: 24 hours

Julie's Work Item: Artist Portfolio (Internal Due Date 2/11):

1. Planning implementation (6 hours)
2. Feature Design (6 hours)
3. Feature backend (8 hours)
4. Project Frontend(8 hours)
5. Project test cases (6 hours)

Estimate for Work Item: 34 hours

Kihambo's Work Item: Scale Display (Internal Due Date 2/15):

1. Plan out how scale display will look like (2 hours)
2. Research how to implement proper tools for notes on scale (2 hours)
3. Design layout for code (8 hours)
4. Feature code and debug (8 hours)
5. Test it out with MariaDB Database (4 hours)
6. Project test cases (4 hours)

Estimate for Work Item: 28 hours

Diego's Work Item: Authentication Frontend (Internal Due Date 2/11):

1. Research front end technologies. (5)
2. Draft basic design for authentication screen. (5)
3. Coding Authentication Frontend (15-20)

Estimate for Work Item: 30 hours

Jason's Work Item: DAR Report (Internal Due Date 2/11):

1. Research what functions need technology outside of assigned Tech Stack (4 hours)
2. Research what technology can be used for the functions that need a tech stack (8 hours)
3. Draft barebone DAR Reports for approval to continue researching (1 hour).
4. Finish up details on tech stack (8 hours)
5. Refine DAR reports (6 hours)

Estimate for Work Item: 27 hours

An's Work Item: User Creation, Log In, Log out, AWS database set up (Internal Due Date 2/12):

1. Research + setting up AWS database + testing(6 hours)
2. UA: User Creation UI + back end + unit test + integration test(16 hours)
3. Security: Log in, Log out FE + BE unit test + integration test (16 hour).
4. UM: Account Creation FE (6 hours)

Estimate for Work Item: 44 hours

Parth's Work Item: User Modification, Usage Analysis Dashboard UI (Internal Due Date 2/12):

1. Technical Research (5 hours)
2. UM: User Modification Frontend (10 hours)
3. UM: User Modification Backend (15 hours)
4. UM: User Modification UI + unit test + integration test(10 hours)

Estimate for Work Item: 44 hours

Khuong's Work Item: User Recovery, User Deletion (Internal Due Date 2/12):

1. UA: User Recovery UI + back end + unit test + integration test (16 hours)
2. UA: User Deletion UI + back end + unit test + integration test (12 hours)

3. UM: User Recovery FE (8 hours)
4. UM: User Deletion Front End (6 hours)

Estimate for Work Item: 42 hours

Total Estimate = 90 hours

Individual Breakdown

Julie Reyes

Work Item	Task	Estimation in pts	Team Confirmation
Artist Portfolio	1.Plan Implementation/ review documentation	6	AN, DG,KN,PN, JR, JJ, BM, SK
	2.Design feature	6	AN, DG,KN,PN, JR, JJ, BM, SK
	3.Backend coding	8	AN, DG,KN,PN, JR, JJ, BM, SK
	4.front end coding	8	AN, DG,KN,PN, JR, JJ, BM, SK
	5.Test cases	6	AN, DG,KN,PN, JR, JJ, BM, SK
Total		34	

1. Plan Implementation/ review documentation = 6
2. Design feature = 6
3. Backend coding = 8
4. front end coding = 8
5. test cases = 6

Total New Estimate = 34 hrs

34 hrs - 40 hrs = -6 extra hrs. While the estimation is considerable amount above the available workload this sprint it is estimated at 40 indeed to acknowledge an catch bugfixes/adjustments that are bound to come up after creation. Not intended to 100 finish this sprint.

Jason Jitsiripol

Work Item	Task	Estimation in pts	Team Confirmation
DAR Report	1. Research what functions need technology outside of assigned Tech Stack	4	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Research what technology can be used for the functions that need a tech stack	8	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Draft barebone DAR Reports for approval before continue researching	2	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Finish up details on tech stack inside DAR Report	8	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Refine DAR reports for complete approval	8	AN, DG,KN,PN, JR, JJ, BM, SK
Total		30	

1. DAR Report: $8 + 4 + 2 + 8 + 8$

Total New Estimate = 30 hrs

27 hrs - 30 hrs = -3 extra hrs. While the work item has a higher estimate, it is still within the individual member's sprint capacity.

Shane

Work Item	Task	Estimation in pts	Team Confirmation
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Authorization	research	5	AN, DG,KN,PN, JR, JJ, BM, SK
	design	3	AN, DG,KN,PN, JR, JJ, BM, SK
	Frontend coding	8	AN, DG,KN,PN, JR, JJ, BM, SK
	test cases	8	AN, DG,KN,PN, JR, JJ, BM, SK
Total		24	

1. Research = 5
2. Design = 3
3. Frontend = 8
4. Testing = 8

Total New Estimate = 24 hrs

24 hrs - 30 hrs = -6 extra hrs. Expecting to have a little work left at the end of the sprint. So the remaining 6 hours are planned as any notes from the professor or fixes that arise later on.

Kihambo

Work Item	Task	Estimation in pts	Team Confirmation
Scale Display	1.Plan how scales will be viewed	2	AN, DG,KN,PN, JR, JJ, BM, SK
	2.Research how to implement proper tools for notes on scale	2	AN, DG,KN,PN, JR, JJ, BM, SK
	3.Design layout for code	8	AN, DG,KN,PN, JR, JJ, BM, SK
	4.Feature code and debug	8	AN, DG,KN,PN, JR, JJ, BM, SK

	5. Test it out with MariaDB Database	4	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Project test cases	4	AN, DG,KN,PN, JR, JJ, BM, SK
Total		28	

1. Planning = 2
2. Researching = 2
3. Designing = 8
4. Featuring = 8
5. Testing/ Project Test Cases = 8

Total New Estimate = 28 hrs

28 hrs - 40 hrs = 12 extra hrs. Subject to change, might check in with the professor about this sprint plan since a lot of hours are left after it's done.

Diego

Work Item	Task	Estimation in pts	Team Confirmation
Authentication Frontend	1. Research Frontend implementations	5	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Draft initial authentication screen	5	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Code authentication frontend	15	AN, DG,KN,PN, JR, JJ, BM, SK
Total		25	

1. Research Frontend implementations = 5
2. Draft initial authentication screen = 5
3. Code authentication frontend = 15

Total New Estimate = 25 hrs

30 hrs - 25 hrs = 5 hrs. This is the expected work estimation based on the initial work estimate given.

An

Work Item	Task	Estimation in pts	Team Confirmation
AWS database set up	1. Research AWS database set up	3	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Set up AWS	3	AN, DG,KN,PN, JR, JJ, BM, SK
UA: User Creation	1. User Creation BE	6	AN, DG,KN,PN, JR, JJ, BM, SK
	2. User Creation FE	6	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Unit test	2	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	2	AN, DG,KN,PN, JR, JJ, BM, SK
UM: Account Creation	1. Account Creation BE	2	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Account Creation FE	2	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Unit test	1	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	1	AN, DG,KN,PN, JR, JJ, BM, SK
Security: Log In, Log out	1. Log in BE	5	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Log in FE	4	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Log out BE	3	AN, DG,KN,PN, JR, JJ, BM, SK

	4. Log out FE	1	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Unit test	2	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Integration test	1	AN, DG,KN,PN, JR, JJ, BM, SK
Total		44	

1. AWS Database Setup = 6 hours
2. UA: User Creation = 16 hours
3. UM: Account Creation = 6 hours
4. Security: Log In, Log Out = 16 hours

$$6 + 16 + 6 + 16 = 44$$

Total New Estimate = 44 hrs

40 hrs - 44 hrs = -4. I have to work 4 extra hrs. This is the expected work estimation based on the initial work estimate given.

Parth

Work Item	Task	Estimation in pts	Team Confirmation
Technical Research	Objective	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Details	3	AN, DG,KN,PN, JR, JJ, BM, SK
UM: User Modification	1. User Modification FE	10	AN, DG,KN,PN, JR, JJ, BM, SK
	2. User Modification BE	15	
	3. Unit testing	5	
	4. Integration Testing	5	

Total	40
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1. Technical Research = 5
2. UM: User Modification FE = 10
3. UM: User Modification BE= 15
4. UM: User Modification unit testing = 5
5. UM: User Modification integration testing = 5

Total New Estimate = 40 hrs

40 hrs - 40 hrs = 0 hrs. This is the expected work estimation based on the initial work estimate given.

Khuong

Work Item	Task	Estimation in pts	Team Confirmation
UA: User Recovery	1. User Recovery BE	6	AN, DG,KN,PN, JR, JJ, BM, SK
	2. User Recovery FE	6	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Unit test	2	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	2	AN, DG,KN,PN, JR, JJ, BM, SK
UM: Account Recovery	1. Account Recovery BE	3	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Account Recovery FE	3	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Unit test	1	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	1	AN, DG,KN,PN, JR, JJ, BM, SK
UA: User Deletion	1. User Deletion FE	5	AN, DG,KN,PN, JR, JJ, BM, SK
	2. User Deletion BE	5	AN, DG,KN,PN, JR, JJ, BM, SK

	3. Unit test	1	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	1	AN, DG,KN,PN, JR, JJ, BM, SK
UM: Account Deletion	1. Account Deletion FE	2	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Account Deletion BE	2	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Unit test	1	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Integration test	1	AN, DG,KN,PN, JR, JJ, BM, SK
Total		42	

1. UA User Recovery = 16
2. UM Account Recovery = 8
3. UA User Deletion = 12
4. UM Account Deletion = 6

$$16 + 8 + 12 + 6 = 42$$

Total New Estimate = 42 hrs

40 hrs - 42 hrs = -2. I have to work 2 extra hrs. This is the expected work estimation based on the initial work estimate given.

Team individual estimate total = 267

Final Analysis:

Do we accept the **Core Tasks**?:

Julie	Yes
Jason	Yes
Shane	Yes

Kihambo	Yes
Diego	Yes
Parth	Yes
Khuong	Yes
An	Yes

8Yes/0 No: We will accept the current effort estimation.

Do we accept **Individual Features**?:

Julie	Yes
Jason	Yes
Shane	Yes
Kihambo	Yes
Diego	Yes
Parth	Yes
Khuong	Yes
An	Yes

Yes/0 No: We will accept the current effort estimation.

Is Team Phoenix within our sprint capacity?:

	Original Estimate	New Team Estimate
Total	262	267

Team capacity - estimated hours:

262 - 267 = -5 hours

We overscheduled by 5 hours but seeing as that is within the 15% of our project plan it is well within our bounds and we will make sure to keep note of it moving forward. A lot of importance is put into this sprint with our team's unique formation and special

requirements so some members have decided to increase work capacities for this sprint.