

## Sprint 4

Sprint Planning for Sprint 4 - 1/14/24:

- Interval from 2/14/24 to 3/04/24

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Julie	42
Jason	40
Kihambo	42
Diego	35
Shane	36
Parth	40
Khuong	40
An	40
Total	315

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Artist Portfolio	20	Julie
AWS Setup	30	Julie
Artist Portfolio Calendar	40	Jason
Bingo Board	40	Diego
User Management User Creation and deletion	35	Kihambo
User Management UserModify and User Recovery	35	Shane
Frontend and Backend for Log Out	46	Parth
Backend Login	40	An

Frontend Recover User Back End OTP and Token	40	Khuong
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## Task Breakdown:

### Shane's Work Item:

(Internal Due Date 3/04):

1. UserManagement Coding(8 hours)
2. UserManagement Testing(4 hours)
3. UserRecovery Coding(8 hours)
4. UserRecovery Tesing(4 hours)
5. UserModifyCoding(8 hours)
6. UserModify Coding(4 hours)

Estimate: 36 hours

### Julie's Work Item: Artist Portfolio and aws (Internal Due Date 3/04):

#### Artist portfolio

1. Feature backend (8 hours)
2. Project Frontend(8 hours)
3. Project test cases (4 hours)

#### Aws

1. Aws setup research (6 hours)
2. Aws initial creation and setup (8 hours)
3. Setting up putty (8 hours)
4. Finish setting up security features (8 hours)

Estimate for Work Item: 50 hours

### Kihambo's Work Item: Scale Display (Internal Due Date 3/03):

1. Code Scale Display feature (26 hours)
2. Test Scale Display feature (8 hours)
3. Test out feature with database (8 hours)

Estimate for Work Item: 42 hours

## **Diego's Work Item: Bingo Board**

**(Internal Due Date 3/04):**

1. Code Bingo Board frontend (30)
2. Coding Bingo Board tests(5)

Estimate for Work Item: 35 hours

## **Jason's Work Item: Artist Portfolio Calendar (Internal Due Date 3/04):**

1. Research what functions the feature will need (4 hours)
2. Code Backend for Artist Portfolio Calendar (8 hours)
3. Code Frontend for Artist Portfolio Calendar (4 hours)
4. Testing code for Artist Portfolio Calendar (8 hours)
5. Refine code for errors during testing (6 hours)
6. Add/code additional functionality (4 hours)
7. Testing new code for Artist Portfolio Calendar (6 hours)

Estimate for Work Item: 40 hours

## **An's Work Item: User Creation, Log In, Log out, AWS database set up (Internal Due Date 3/04):**

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: Frontend and Backend Log Out (Internal Due Date 3/04):**

1. Frontend Design UI for Logout (2 hours)
2. Frontend Implement logout functionality (12 hours)
3. Frontend API Integration (4 hours)
4. Frontend Testing (4 hours)
5. Backend API Endpoints For Logout (12 hours)
6. Backend Security Measures (4 hours)
7. Backend Database Cleanup (4 hours)
8. Backend Testing (4 hours)

Estimate for Work Item: 46 hours

### Khuong's Work Item: User Recovery, User Deletion (Internal Due Date 3/04):

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 = 299 hours**

### Individual Breakdown

**Julie Reyes**

Work Item	Task	Estimation in pts	Team Confirmation
Artist Portfolio	1.Backend coding	6	AN, DG,KN,PN, JR, JJ, BM, SK
	2.front end coding	8	AN, DG,KN,PN, JR, JJ, BM, SK
	3.Test cases	4	AN, DG,KN,PN, JR, JJ, BM, SK
AWS setup	1. Research	6	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Initial setup	6	AN, DG,KN,PN, JR, JJ, BM, SK
	3. putty	8	AN, DG,KN,PN, JR, JJ, BM, SK
	4. security	6	AN, DG,KN,PN, JR, JJ, BM, SK

<b>Total</b>	44
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1. Artist Portfolio = 18 hours
2. AWS = 26 hours

Total New Estimate = 44 hrs

50 hrs - 44 hrs = 6 extra hrs. Almost out of bounds but considering some work has been done on aws, this 6 hours is extra time to tweak and polish the aws setting and my feature code.

## Jason Jitsiripol

Work Item	Task	Estimation in pts	Team Confirmation
Artist Portfolio Calendar	1. Research what functions the feature will need.	4	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Code Backend for Artist Portfolio Calendar	8	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Code Frontend for Artist Portfolio Calendar	4	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Testing code for Artist Portfolio Calendar	8	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Refine code for errors during testing	6	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Add/code additional functionality	4	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Testing new code for Artist Portfolio Calendar	6	AN, DG,KN,PN, JR, JJ, BM, SK
<b>Total</b>		40	

1. Artist Portfolio Calendar = 4 + 8 + 4 + 8 + 6 + 4 + 6

Total New Estimate = 40 hrs

40 hrs - 40 hrs = 0 extra hrs. This is within the individual member's sprint capacity.

## Shane

Work Item	Task	Estimation in pts	Team Confirmation
UserManagement	UserManagement Coding	8	SK
	UserManagement Testing	4	SK
UserRecovery	UserRecovery Coding	8	SK
	UserRecovery Testing	4	SK
UserModify	UserModify Coding	8	SK
	UserModify Testing	4	SK
<b>Total</b>		36	

Total New Estimate =

1. UserManagement Coding = 8
2. UserManagement Testing = 4
3. UserRecovery Coding = 8
4. UserRecover Testing = 4
5. UserModify Coding = 8
6. UserModify = 4

Total = 8+4+8+4+8+4= 36

36 hrs - 36 hrs =0 hrs. This is the expected work estimation based on the initial work estimate given.

## 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
<b>Total</b>		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
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			Confirmation
Bingo Board	1. Bingo Board frontend	30	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Bingo Board tests	5	AN, DG,KN,PN, JR, JJ, BM, SK
<b>Total</b>		35	

1. Bingo board frontend = 30

2. Bingo board tests = 35

Total New Estimate = 35 hrs

35 hrs - 35 hrs = 0 hrs. This is the expected work estimation based on the initial work estimate given.

An

Work Item	Task	Estimation in pts	Team Confirmation
BackEnd Login	1. JSON Web Token Research	10	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Implementati on	5	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Authenticatio n	10	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Ajax	5	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Unit test	5	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Integration test	5	AN, DG,KN,PN, JR, JJ, BM, SK
<b>Total</b>		40	

1. JSON Web Token Research = 10 hours

2. Implementation = 5 hours



3. Authentication = 10 hours
4. Ajax = 5 hours
5. Unit test = 5
6. Integration test = 5

$$10 + 5 + 10 + 5 + 5 + 5 = 40$$

Total New Estimate = 40 hrs

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

## Parth

Work Item	Task	Estimation in pts	Team Confirmation
Frontend Logout	Design UI for logout	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Implement logout functionality	12	AN, DG,KN,PN, JR, JJ, BM, SK
	API Integration	4	AN, DG,KN,PN, JR, JJ, BM, SK
	Testing	4	AN, DG,KN,PN, JR, JJ, BM, SK
Backend Logout	API Endpoints for logout	12	AN, DG,KN,PN, JR, JJ, BM, SK
	Security Mesures	4	
	Database Cleanup	4	
	Testing	4	
<b>Total</b>		46	

1. Design UI for logout = 2
2. Implement logout functionality = 12
3. API integration = 4
4. Testing = 4

5. API Endpoints for logout = 12
6. Security measures = 4
7. Database cleanup = 4
8. Testing = 4

Total New Estimate = 46 hrs

46 hrs - 46 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
Frontend Recover	1. Authentication	5	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Confirm OTP	5	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Ajax	5	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Unit Test	2	
	5. Integration test	2	AN, DG,KN,PN, JR, JJ, BM, SK
User Back End OTP and Token	6. Research About Token	8	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Design and Debug Error	8	AN, DG,KN,PN, JR, JJ, BM, SK
	8. Unit Test	2	AN, DG,KN,PN, JR, JJ, BM, SK
	9. Integration test	3	AN, DG,KN,PN, JR, JJ, BM, SK
<b>Total</b>		<b>40</b>	

1. Frontend Recover = 19
2. User Back End OTP and Token = 21

5 + 5 + 5 + 2 + 2 + 8 + 8 + 2 + 3

Total New Estimate = 40 hrs

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

Team individual estimate total = 309

### 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

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

Is Team Phoenix within our sprint capacity?:

	Original Estimate	New Team Estimate
Total	335	309

**Team capacity - estimated hours:**

315 - 309 = 6 hours

We have 6 extra hours but seeing as that is within our %15 percent bounds we seem to be within pace. More comfortable with the extra 6 hours rather than being under but will watch for under-scheduling later on if workload is too short this sprint.