Sprint 5

Sprint Planning for Sprint 5 - 3/05/24:

- Interval from 3/05/24 to 3/25/24

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Julie	42
Jason	40
Kihambo	26
Diego	28
Shane	40
Parth	55
Khuong	60
An	60
Total	351

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Tempo Tool	30	Julie
BRD Cleanup	20	Julie
End-to-End Testing	20	Jason
Update DAR report	10	Jason
Artist Profile calendar	40	Jason
Update current test cases	20	Diego
Scale Display	20	Kihambo

Collab search	40	Shane
Price Range Sorting	50	Parth
Item Creation	50	An
Item Modification	50	Khuong
Usage analysis dashboard	30	To be determined
Auth token and usage	10	An
Removing warnings from code	5	Khuong
Jwt token changes/updates	5	Khuong
Finish implementing cors	20	TBD

Task Breakdown:

Shane's Work Item: **(Internal Due Date 3/04):**

Collab Search

1. Create a Design on Figma(4 hours)
2. Create Sequence Diagram(4 hours)
3. Coding Feature(16 hours)
4. Test Feature with Database(10 hours)
5. Peer Review(2 hours)
6. Edit based off peer review(4 hours)

Estimate: 40 hours

Julie's Work Item: Tempo Tool and BRD Cleanup
(Internal Due Date): 03/25

Tempo Tool

1. Design figma of feature view(4 hours)
2. Design wireframe of changing tempo speed(7 hours)
3. Design sequence diagram of tempo tool (7 hours)
4. Create database(if needed to store tempo tool info(4 hours)
5. Create code (cs file) for tempo tool backend(2 hours)
6. Create html, js and controller for tempo tool(6 hours)

BRD Cleanup

1. Remove unneeded features and polish current features (6 hours)
2. Create diagram and Negotiate with prof (4 hours)

Estimate for Work Items: 40 hours

Kihambo's Work Item: (Internal Due Date): 3/24

Scale Display

1. Create layout design on figma (4 hours)
2. Create sequence diagram (4 hours)
3. Code feature out with respect to the sequence design (10 hours)
4. Test getting specific scales out with our MySQL database (4 hours)
5. Peer review (2 hours)
6. Refine feature based off of peer review feedback (2 hours)

Estimate for Work Item: 26 hours

Diego's Work Item:

(Internal Due Date 3/04):

1. Update current test cases (15 hours)
    a. Review current test cases for backend code
    b. Update test cases for revised backend code
2. Work on bingo board (post, view, update, delete) (15 hours)

Estimate for Work Item: 30 hours

Jason's Work Item: (Internal Due Date):

End to End Testing:

1. Design End-to-End Scenario (8 hours)
2. Code End-to-End testing (4 hours)
3. Test/refine the end-to-end code (4 hours)

Update DAR report:

1. Make more metrics (4 hours)
2. Test metrics (4 hours)

Artist Profile Calendar:

1. Finish LLD for Artist Profile Calendar (7 hours)
    a. Failure Post Gig LLD for invalid information (1 hour)
    b. Failure Post Gig LLD for time exceeding (1 hour)
    c. Failure Gig Visibility LLD for time exceeding (1 hour)
    d. Failure Edit Gig LLD for time exceeding (1 hour)
    e. Failure Delete Gig LLD for time exceeding (1 hour)
    f. Failure View Gig LLD for time exceeding (1 hour)
2. Code Automated Test (3 hours)
3. Code Artist Profile Calendar Frontend for posting and deleting gigs (1 hour)
4. Code Artist Profile Calendar Backend for posting and deleting gigs (1 hour)
5. Code Artist Profile Calendar Frontend for view and visibility gigs (1 hour)
6. Code Artist Profile Calendar Backend for view and visibility gigs (1 hour)
7. Test and bugfix Artist Profile Calendar (4 hours)
    a. Test and bugfix post gig (1 hour)
    b. Test and bugfix delete gig (1 hour)
    c. Test and bugfix gig visibility (1 hour)
    d. Test and bugfix view gig (1 hour)

Estimate for Work Item: 42 hours

An's Work Item: (Internal Due Date): 03/23

1. Research (8 hours)
    a. Research Libraries and Frameworks to use for Item Creation
2. Design and Revise the Design (8 hours)
    a. Design a front end for Item Creation.
    b. Create Low-Level Design for Item Creation.
    c. Create the sequence diagram for the Success Outcome of Item Creation
    d. Create the sequence diagram for Failure Outcomes of Item Creation
    e. Draw out the data tables and class diagrams for CraftVerify
3. Coding and Revise Frontend Codes (11 hours)
    a. Create a button for Add item.
    b. Create a textbox for the Item name.
    c. Create a textbox for the Item Description.
    d. Create a textbox for the Item count.

    e. Create a textbox for the Item Price.
    f. Create a button for Submit.
4. Coding and Revise Backend Codes (11 hours)
    a. Create codes for Item Creation API Controller.
    b. Create codes for Item Creation Service.
    c. Create codes for Item Creation DAO.
5. Testing Frontend Codes (5 hours)
    a. Create tests to check the event following the item modification button.
    b. Create tests to check the event following the add button.
6. Testing Backend Codes (7 hours)
    a. Create tests to check for success outcomes of the Item Creation API controller.
    b. Create tests to check the services we used for item creation.
    c. Create tests to check the DAO we used for item creation.
7. Create Access Token (2 hours)
    a. Create Access Token to be used for authorization
8. Implement Access Token (5 hours)
    a. Implement Access Token to check whether users are allowed to use specific features.
9. Revise Access Token and Identity Token (3 hours)
    a. Revise Access Token Creation and Implementation as needed.

Estimate for Work Item: 60 hours

Parth's Work Item: (Internal Due Date):03/23

1. Research (8 hours)
    - Which features are required to make the price range sorting efficient and ensure the user finds their product faster?
2. Planning and design (8 hours)
    - I want a detailed specification document for the price range sorting feature, including user stories, acceptance criteria, and technical requirements, so the development team has clear guidelines.
3. Front-End Development (14 hours)
    - I need to ensure that the price range sorting interacts seamlessly with the product listing page, updating the displayed products according to the selected price range.
4. Back-End Development (14 hours)
    - I need to implement the logic that filters products within the specified price range, ensuring efficient database queries for a fast response time.
    - I want to create a robust API endpoint that supports price range filtering, enabling the front end to retrieve filtered products faster.
5. Testing and quality assurance (6 hours)

- I need to write comprehensive unit tests for the price range sorting feature to ensure it works as expected under various scenarios.
- I want to test the price range sorting feature in a real-world environment to ensure it meets user needs and is free of bugs.

6. Deployment (4 hours)
    - I need to prepare the deployment environment, ensuring all necessary configurations are in place for the price range sorting feature.

Estimate for Work Item: 54 hours

Khuong's Work Item: (Internal Due Date): 03/23

1. Research (6 hours)
    a. Research on what libraries and frameworks should be used for Item Modification.
2. Design and Revise the Design for Item Modification (6 hours)
    a. Design a front end for item modification.
    b. Create Low-Level Design for Item Modification
    c. Create the sequence diagram for the Success Outcome
    d. Create the sequence diagram for Failure Outcomes
    e. Work with An and Parth to design the data tables and class diagrams for CraftVerify
3. Coding and Revise Frontend Codes (10 hours)
    a. Create a button for modifying item
    b. Create a textbox for the Item name
    c. Create a textbox for the Item Description
    d. Create a textbox for the Item count
    e. Create a textbox for the Item Price
    f. Create a button for saving modified info.
4. Coding and Revise Backend Codes (10 hours)
    a. Create codes for modifying item API controller
    b. Create codes for modifying item services
    c. Create codes for modifying item DAO
5. Testing Frontend Codes (9 hours)
    a. Create tests to check the event following the save button
    b. Create tests to check the event following the item modification button.
6. Testing Backend Codes (9 hours)
    a. Create tests to check for success outcomes of the I tem Modification API controller.
    b. Create tests to check the services we used for modifying items.
    c. Create tests to check the DAO we used for modifying items
7. Removing warnings from code (5 hours)

   a. Remove Warnings from DAO, Services, Controllers, and Security for User management, Login, and Logout.
8. Jwt token changes/updates (5 hours).
   a. Implement changes and help An finish implementing the Identity and the Access token correctly.

Estimate for Work Item: 60 hours

Total Estimate =

Individual Breakdown

Julie Reyes

Work Item	Task	Estimation in pts	Team Confirmation
Tempo tool	Design figma	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Design wireframe	6	AN, DG,KN,PN, JR, JJ, BM, SK
	Design sequence diagram	6	AN, DG,KN,PN, JR, JJ, BM, SK
	Build database	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Code feature	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Code js, html, and controller	6	AN, DG,KN,PN, JR, JJ, BM, SK
Brd cleanup	Remove unneeded features and polish current features	4	AN, DG,KN,PN, JR, JJ, BM, SK
	Create diagram and Negotiate with prof	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	30	

1. Tempo tool- 24 hours
2. Brd cleanup-6 hours

Total New Estimate = 30hrs

40hrs- 30hrs = 10 extra hrs. A little too little work but we have brought extra tasks into this sprint available for pickup tat i plan to work on after.

Jason Jitsiripol

Work Item	Task	Estimation in pts	Team Confirmation
End-To-End Testing	1. Design End-to-End Scenario for non-admin user	3	
	2. Design End-to-End Scenario for admin user	3	
	3. Code End-to-End testing for non-admin user	2	
	4. Code End-to-End testing for admin user	2	
	5. Test/refine the end-to-end code for non-admin user	2	
	6. Test/refine the end-to-end code for admin user	2	
Update DAR Report	1. Make more metrics for JavaScript UI Framework	4	AN, DG,KN,PN, JR, JJ, BM, SK

	2. Test metrics for for JavaScript UI Framework	4	AN, DG,KN,PN, JR, JJ, BM, SK
Artist Portfolio Calendar	1. Failure Post Gig LLD for invalid information	1	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Failure Post Gig LLD for time exceeding	1	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Failure Gig Visibility LLD for time exceeding	1	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Failure Edit Gig LLD for time exceeding	1	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Failure Delete Gig LLD for time exceeding	1	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Failure View Gig LLD for time exceeding	1	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Code Automated Test	3	AN, DG,KN,PN, JR, JJ, BM, SK
	8. Code Artist Profile Calendar Frontend for posting and deleting gigs	1	AN, DG,KN,PN, JR, JJ, BM, SK
	9. Code Artist Profile Calendar Backend for posting and deleting gigs	1	AN, DG,KN,PN, JR, JJ, BM, SK
	10. Code Artist Profile Calendar Frontend for view and visibility gigs	1	AN, DG,KN,PN, JR, JJ, BM, SK

	11. Code Artist Profile Calendar Backend for view and visibility gigs	1	AN, DG,KN,PN, JR, JJ, BM, SK
	12. Test and bugfix post gig	1	AN, DG,KN,PN, JR, JJ, BM, SK
	13. Test and bugfix delete gig	1	AN, DG,KN,PN, JR, JJ, BM, SK
	14. Test and bugfix gig visibility	1	AN, DG,KN,PN, JR, JJ, BM, SK
	15. Test and bugfix view gig	1	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	40	

1. End-To-End Testing = 6 + 4 + 4
2. Update DAR Report = 4 + 4
3. Artist Portfolio Calendar = 7 + 3 + 4 + 4

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
Collab Search	Collab Search LLD	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Collab Search Coding	16	AN, DG,KN,PN, JR, JJ, BM, SK
	Collab Search Database Testing	10	AN, DG,KN,PN, JR, JJ, BM, SK
	Peer Review	2	AN, DG,KN,PN, JR, JJ, BM, SK

	Post-Peer Review Edits	4	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	40	

Total New Estimate = 8+16+10+2+4=40

40 hrs - 40 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. Create figma design	4	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Create sequence diagram	4	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Code (and debug) out with respect to design and sequence diagram	10	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Test out with database	4	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Peer review the feature	2	AN, DG,KN,PN, JR, JJ, BM, SK

	6. Refine code based off of peer review	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	26	

1. Figma design = 4
2. Sequence diagram = 4
3. Code and debug = 10
4. Peer review = 2
5. Refine code = 2

Total New Estimate = 26 hrs

26 hrs - 26 hrs = 0 extra hrs. This is the estimated time for me to complete this work item.

Diego

Work Item	Task	Estimation in pts	Team Confirmation
Bingo Board	1. Bingo board features	15	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Bingo Board tests	~5	AN, DG,KN,PN, JR, JJ, BM, SK
Update current test cases	Update current test cases	15	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	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
Item Creation (Grannular Break Down Above)	Research	7	AN, DG,KN,PN, JR, JJ, BM, SK
	Design and Revise the Design for Item Creation	7	AN, DG,KN,PN, JR, JJ, BM, SK
	Coding and Revise Frontend Codes	12	AN, DG,KN,PN, JR, JJ, BM, SK
	Coding and Revise Backend Codes	12	AN, DG,KN,PN, JR, JJ, BM, SK
	Testing Frontend Codes	6	AN, DG,KN,PN, JR, JJ, BM, SK
	Testing Backend Codes	6	AN, DG,KN,PN, JR, JJ, BM, SK
Auth token and usage	Create Access Token	1.5	AN, DG,KN,PN, JR, JJ, BM, SK
	Implement Access Token	5	AN, DG,KN,PN, JR, JJ, BM, SK
	Revise Access Token and Identity Token	3.5	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	60	

1. Research = 7
2. Design and Revise the Design = 7
3. Coding and Revise Frontend Codes = 12
4. Coding and Revise Backend Codes = 12
5. Testing Frontend Codes = 6
6. Testing Backend Codes = 6
7. Create Access Token = 1.5
8. Implement Access Token = 5
9. Revise Access Token and Identity Token = 3.5

7 + 7 + 12 + 12 + 6 + 6 + 1.5 + 5 + 3.5 = 60

Total New Estimate = 60 hrs

60 hrs - 60 hrs = 0. This is the expected work estimation based on the initial work estimate given.

Parth

Work Item	Task	Estimation in pts	Team Confirmation
Price Range Sorting	Research Which features are required to make the price range sorting efficient and ensure the user finds their product faster?	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Planning, And Design I want a detailed specification document for the price range sorting feature, including user stories, acceptance criteria, and technical requirements, so the development team has clear guidelines.	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Front End Development I need to ensure that the price range sorting interacts seamlessly with the product listing page, updating the	14	AN, DG,KN,PN, JR, JJ, BM, SK

	displayed products according to the selected price range.		
	Back End Development I need to implement the logic that filters products within the specified price range, ensuring efficient database queries for a fast response time. I want to create a robust API endpoint that supports price range filtering, enabling the front end to retrieve filtered products faster.	14	AN, DG,KN,PN, JR, JJ, BM, SK
	Testing and quality assurance I need to write comprehensive unit tests for the price range sorting feature to ensure it works as expected under various scenarios. I want to test the price range sorting feature in a real-world	6	AN, DG,KN,PN, JR, JJ, BM, SK

	environment to ensure it meets user needs and is free of bugs.		
	Deployment I need to prepare the deployment environment, ensuring all necessary configurations are in place for the price range sorting feature.	4	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	54	

1. Research = 7
2. Planning and design = 8
3. Frontend Development = 14
4. Backend Development = 14
5. Testing and quality assurance = 6
6. deployment = 4

Total New Estimate = 54hrs

54hrs - 55hrs = 1 hrs. I have 1 hour extra to help others.

Khuong

Work Item	Task	Estimation in pts	Team Confirmation
Item Modification (Further Task Break Down Above)	1. Research	7	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Design and Revise the Design for Item Modification	7	AN, DG,KN,PN, JR, JJ, BM, SK

	3. Coding and Revise Frontend Codes	10	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Coding and Revise Backend Codes	10	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Testing Frontend Codes	8	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Testing Backend Codes	8	AN, DG,KN,PN, JR, JJ, BM, SK
Removing warnings from code	7. Remove Warnings from DAO, Services, Controllers, and Security for User management, Login, and Logout.	5	AN, DG,KN,PN, JR, JJ, BM, SK
Jwt token changes/updates	8. Implement changes and help An finish implementing the Identity and the Access token correctly.	5	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	60	

1. Research = 7
2. Design and Revise the Design for Item Modification = 7
3. Coding and Revise Frontend Codes = 10
4. Coding and Revise Backend Codes = 10
5. Testing Frontend Codes = 8
6. Testing Backend Codes = 8
7. Removing warnings from code = 5
8. Jwt token changes/updates = 5

7 + 7 + 10 + 10 + 8 + 8 + 5 + 5 = 60

Total New Estimate = 60 hrs

60 hrs - 60 hrs =0. This is the expected work estimation based on the initial work estimate given.

Team individual estimate total = 345

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	351	345

Team capacity - estimated hours:

351 - 345 = 6 hours

We have 6 extra hours but seeing as that is within our %15 percent bounds we seem to be within pace. We have been picking up our efficiency so having extra hours is good as we have some extra tasks brought in this sprint in need of completion.