Sprint 6

Sprint Planning for Sprint 6 - 3/05/24:

- Interval from 3/26/24 to 4/15/24

Individual Capacities:

- Unit measurement: 1 point to 1 hour

Team member:	Capacity by hours
Julie	50
Jason	40
Kihambo	32
Diego	35
Shane	30
Parth	60
Khuong	60
An	60
Total	337

Work from Backlog:

Work Item	Effort Points (Hours)	Owner
Artist Portfolio Calendar	40	Julie
Update DAR report	10	Jason
Analysis DashBoard Frontend and Controller	30	Jason
Analysis of DashBoard Database and Backend	20	Shane
Collab search(4/03 Deadline)	10	Shane
Scale Display(4/03 Deadline)	10	Kihambo
Collab Feature	30	Kihambo

Price Range Sorting	50	Parth
Item Creation/Listing/Offering	50	An
Seller Dashboard	50	Khuong
AuthN	10	An
AuthZ	10	Parth
Finish implementing Cors and JWT token fixes	10	Khuong
Bingo Board	30	Diego

Task Breakdown:

Shane's Work Item: (Internal Due Date 4/15):

Collab Search

1. Peer Review Revisions for Collab Search(3 hours)
2. Debugging Collab Search(3 hours)
3. Unit Testing for Collab Search(4 hours)

Analysis of DashBoard Database and Backend

4. Database Schema Understanding (2 hours)
5. Data Flow Analysis (2 hours)
6. Performance Evaluation (2 hours)
7. Identify Optimization Opportunities (2 hours)
8. API Endpoint Review (2 hours)
9. Codebase Understanding (3 hours)
10. Security Analysis (3 hours)
11. Scalability Assessment (2 hours)
12. Document Findings (1 hour)
13. Prepare Report (1 hour)

Estimate = 30 Hours

Julie's Work Item: (Internal Due Date): 03/25

1. Create figma design of front end - (2 hours)
2. Design the Database table for feature - (2 hours)
3. Create the sequence diagram - (2 hours)
4. Code the Backend code and DAL - (8 hours)
5. Code the css, js, and html - (8 hours)
6. Implement into codebase - (2 hours)
7. Code the controller/api - (8 hours)
8. Create the test cases - (8 hours)

Estimate = 40

Kihambo's Collab Feature: (Internal Due Date): 4/13

1. Design the layout of how collab feature will appear as on the navigation bar in our website (2 hour)
2. Research how collab feature will function based on the BRD (4 hour)
3. Create layout of the collab feature in a Low Level Design (2 hours)
4. Code out data access layer for collab feature (6 hours)
5. Code out controller for collab feature (6 hours)
6. Code out service layer for collab feature (4 hours)
7. Create the frontend buttons for collab feature (4 hours)
8. Test out collab feature and debug (4 hours)

Estimate = 32 hours

Diego's Work Item: Bingo Board

(Internal Due Date 4/19):

1. Frontend code to display/interact with bingo board posts
2. Backend code to retrieve/upload bingo board posts
3. Bingo board test cases

Jason's Work Item: (Internal Due Date): 4/13

Update DAR Report:

1. Get the types of technology we are interested in making DAR reports for (1 hours)
2. Make DAR report metrics for each technology (assuming 2-3 DAR reports) (5 hours)
3. Test the DAR report metrics for each technology (4 hours)

Analysis Dashboard Frontend and Controllers:

1. Frontend for Key Performance Indicators (KPIs) (10 hours total)
    a. The number of success and failed login attempts per month over selected time span (trend chart) (2 hours)
    b. The number of success and failed registrations per month over selected time span (trend chart) (2 hours)
    c. Top 3 longest page visits in seconds (2 hours)
    d. Top 3 most used feature (2 hours)
    e. Two application specific feature metric (2 hours)
2. Controllers for Key Performance Indicators (KPIs) (5 hours total)
    a. The number of success and failed login attempts per month over selected time span (trend chart) (1 hour)
    b. The number of success and failed registrations per month over selected time span (trend chart) (1 hour)
    c. Top 3 longest page visits in seconds (1 hour)
    d. Top 3 most used feature (1 hour)
    e. Two application specific feature metric (1 hour)
3. Frontend end-to-end testing for Key Performance Indicators (5 hours total)
    a. The number of success and failed login attempts per month over selected time span (trend chart) (1 hour)
    b. The number of success and failed registrations per month over selected time span (trend chart) (1 hour)
    c. Top 3 longest page visits in seconds (1 hour)
    d. Top 3 most used feature (1 hour)
    e. Two application specific feature metric (1 hour)
4. Frontend unit testing for Key Performance Indicators (5 hours total)
    a. The number of success and failed login attempts per month over selected time span (trend chart) (1 hour)
    b. The number of success and failed registrations per month over selected time span (trend chart) (1 hour)
    c. Top 3 longest page visits in seconds (1 hour)
    d. Top 3 most used feature (1 hour)
    e. Two application specific feature metric (1 hour)
5. Frontend manual testing of Key Performance Indicators to test requirements (5 hours total)

a. The number of success and failed login attempts per month over selected time span (trend chart) (1 hour)
b. The number of success and failed registrations per month over selected time span (trend chart) (1 hour)
c. Top 3 longest page visits in seconds (1 hour)
d. Top 3 most used feature (1 hour)
e. Two application specific feature metric (1 hour)

An's Work Item: (Internal Due Date): 04/15

Fixing AuthN:

1. Create AuthN Custom Middleware (3 hours)
2. Add AuthN Middleware into the pipeline (2 hours)
3. Implement AuthN Custom Middleware
    a. Validate ID Token signature(2 hours)
    b. Validate ID aud claim (3 hours)

Item Creation, Listing, and Offering:

1. Item Creation(I.C.):
    a. Fix I.C. in BRD (1 hour)
    b. Create LLD for I.C. (1 hour)
    c. Create Backend Codes for Item Creation (5 hours)
        i. Data Access Layer Code
        ii. I.C. Service Code
        iii. API endpoints Code
    d. Create Frontend Codes for Item Creation (5 hours)
        i. I.C. HMTL Code
        ii. I.C. JS code
        iii. I.C. CSS Code
2. Item Listing(I.L.):
    a. Fix I.L. in BRD (1 hour)
    b. Create LLD for I.L. (1 hour)
    c. Create Backend Codes for Item Listing (6 hours)
        i. Data Access Layer Code
        ii. I.L. Service Code
        iii. API endpoints Code
    d. Create Frontend Codes for Item Listing (8 hours)
        i. I.L. HMTL Code
        ii. I.L. JS code

        iii. I.L. CSS Code
3. Offering:
    a. Fix Offering in BRD (1 hour)
    b. Create LLD for Offering. (1 hour)
    c. Create Backend Codes for Offering (10 hours)
        i. Data Access Layer Code
        ii. Offering Service Code
        iii. API endpoints Code
    d. Create Frontend Codes for Offering (10 hours)
        i. Offering HMTL Code
        ii. Offering JS code
        iii. Offering CSS Code

Parth's Work Item: (Internal Due Date): 04/15

Fixing AuthZ:

1. Create AuthZ Custom Middleware (2 hours)
2. Add AuthZ Middleware into the pipeline (1 hour)
3. Implement AuthZ Custom Middleware
    - Validate Access Token signature(3 hours)
    - Validate Access aud claim (3 hours)
    - Validate Scope claim(1 hours)

Price Range Sorting:

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.

Khuong's Work Item: (Internal Due Date): 04/15

Finish implementing Cors and JWT token fixes:

1. Finish Implementing Cors (2 hours)
2. JWT Token Fixes (3 hours)

Item Creation, Listing, and Offering:

1. Item Modification:
   a. Fix Item Modification in BRD (1 hour)
   b. Create LLD for Item Modification (1 hour)
   c. Create Backend Codes for Item Modification (5 hours)
      i. Data Access Layer Code
      ii. Item Modification Service Code
      iii. API endpoints Code
   d. Create Frontend Codes for Item Modification (5 hours)
      i. Item Modification HMTL Code
      ii. Item Modification JS code
      iii. Item Modification CSS Code
2. Item Deletion:
   a. Fix Item Deletion in BRD (1 hour)
   b. Create LLD for Item Deletion (1 hour)
   c. Create Backend Codes for Item Deletion (4 hours)
      i. Data Access Layer Code
      ii. Item Deletion Service Code
      iii. API endpoints Code
   d. Create Frontend Codes for Item Deletion (4 hours)
      i. Item Deletion HMTL Code
      ii. Item Deletion JS code
      iii. Item Deletion CSS Code
3. Inventory Stock List:
   a. Fix Inventory Stock List in BRD (1 hour)
   b. Create LLD for Inventory Stock List. (3 hour)
   c. Create Backend Codes for Inventory Stock List(5 hours)
      i. Data Access Layer Code

   ii. Inventory Stock List Service Code
   iii. API endpoints Code
d. Create Frontend Codes for Inventory Stock List(5 hours)
   i. Inventory Stock List HMTL Code
   ii. Inventory Stock List JS code
   iii. Inventory Stock List CSS Code

4. Financial Progress Report:
   a. Fix Financial Progress Report in BRD (2 hours)
   b. Create LLD for Financial Progress Report (3 hours)
   c. Create Backend Codes for Financial Progress Report (7 hours)
      i. Data Access Layer Code
      ii. Financial Progress Report Service Code
      iii. API endpoints Code
   d. Create Frontend Codes for Financial Progress Report (7 hours)
      i. Financial Progress Report HMTL Code
      ii. Financial Progress Report JS code
      iii. Financial Progress Report CSS Code

Total Estimate = 360 hours from backlog

Individual Breakdown

Julie Reyes

Work Item	Task	Estimation in pts	Team Confirmation
Artist Portfolio	Create figma design of front end	1	AN, DG,KN,PN, JR, JJ, BM, SK
	Design the Database table for feature	2	AN, DG,KN,PN, JR, JJ, BM, SK

	Create the sequence diagram	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Code the Backend code and DAL	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Code the css, js, and html	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Implement into codebase	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Code the controller/api	6	AN, DG,KN,PN, JR, JJ, BM, SK
	Create the test cases	8	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	37	

1. Artist Portfolio = 37

Total New Estimate = 37 hours

50hrs- 37hrs = 13 extra hrs. A lot of hours left over but as Team lead I usually work extra hours on core problems on top of my sprint planning tasks that these 13 will now account for. This will account for the extra tasks I always pick up in my standup. I'm leaving this time open to help others on their tasks and any issue/update fixes that may arise. Also planning to work over spring break which is why my capacity is higher then usual.

Jason Jitsiripol

Work Item	Task	Estimation in pts	Team Confirmation
Update DAR Report	1. Get the types of technology we are interested in making DAR reports for.	1	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Make DAR report metrics for each technology (assuming 2-3 DAR reports)	5	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Test the DAR report metrics for each technology	4	AN, DG,KN,PN, JR, JJ, BM, SK
Analysis Dashboard Frontend and Controller	1. Frontend for Key Performance Indicators for the number of success and failed login attempts per month over selected time span (trend chart)	2	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Frontend for Key Performance Indicators for the number of success and failed registrations per month over selected	2	AN, DG,KN,PN, JR, JJ, BM, SK

	time span (trend chart)		
	3. Frontend for Key Performance Indicators for top 3 longest page visits in seconds	2	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Frontend for Key Performance Indicators for top 3 most used feature	2	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Frontend for Key Performance Indicators for Two application specific feature metric	2	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Controller for Key Performance Indicators for the number of success and failed login attempts per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Controller for Key Performance Indicators for the number of success and failed registrations per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	8. Controller for Key Performance	1	AN, DG,KN,PN, JR, JJ, BM, SK

	Indicators for top 3 longest page visits in seconds		
	9. Controller for Key Performance Indicators for top 3 most used feature	1	AN, DG,KN,PN, JR, JJ, BM, SK
	10. Controller for Key Performance Indicators for Two application specific feature metric	1	AN, DG,KN,PN, JR, JJ, BM, SK
	11. Frontend end-to-end testing for Key Performance Indicators for the number of success and failed login attempts per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	12. Frontend end-to-end testing for Key Performance Indicators for the number of success and failed registrations per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	13. Frontend end-to-end testing for Key Performance Indicators for top 3	1	AN, DG,KN,PN, JR, JJ, BM, SK

	longest page visits in seconds		
	14. Frontend end-to-end testing for Key Performance Indicators for top 3 most used feature	1	AN, DG,KN,PN, JR, JJ, BM, SK
	15. Frontend end-to-end testing for Key Performance Indicators for Two application specific feature metric	1	AN, DG,KN,PN, JR, JJ, BM, SK
	16. Frontend unit testing for Key Performance Indicators for the number of success and failed login attempts per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	17. Frontend unit testing for Key Performance Indicators for the number of success and failed registrations per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	18. Frontend unit testing for Key Performance Indicators for top 3	1	AN, DG,KN,PN, JR, JJ, BM, SK

	longest page visits in seconds		
	19. Frontend unit testing for Key Performance Indicators for top 3 most used feature	1	AN, DG,KN,PN, JR, JJ, BM, SK
	20. Frontend unit testing for Key Performance Indicators for Two application specific feature metric	1	AN, DG,KN,PN, JR, JJ, BM, SK
	21. Frontend requirement testing for Key Performance Indicators for the number of success and failed login attempts per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	22. Frontend requirement testing for Key Performance Indicators for the number of success and failed registrations per month over selected time span (trend chart)	1	AN, DG,KN,PN, JR, JJ, BM, SK
	23. Frontend requirement testing for Key Performance Indicators for top 3	1	AN, DG,KN,PN, JR, JJ, BM, SK

	longest page visits in seconds		
	24. Frontend requirement testing for Key Performance Indicators for top 3 most used feature	1	AN, DG,KN,PN, JR, JJ, BM, SK
	25. Frontend requirement testing for Key Performance Indicators for Two application specific feature metric	1	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	40	

1. Update DAR Report = 1+ 5 + 4 = 10
2. Usage Analysis Board Frontend and Controllers = 2 + 2 + 2 + 2 + 2 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 = 30

Total New Estimate = 40 hrs

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

Shane

Shane is currently too sick to do Task Breakdown. Will be updated ASAP.

Work Item	Task	Estimation in pts	Team Confirmation
Collab Search	1.Peer Review Revisions for Collab Search	3	Sk, AN, DG,KN,PN, JR, JJ, BM
	2.Debugging Collab Search	3	Sk, AN, DG,KN,PN, JR, JJ, BM
	3.Unit Testing for Collab Search	4	Sk, AN, DG,KN,PN, JR, JJ, BM

Analysis of DashBoard Database and Backend	4.Database Schema Understanding	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	5.Data Flow Analysis	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	6.Performance Evaluation	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	7.Identify Optimization Opportunities	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	8.API Endpoint Review	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	9.Codebase Understanding	3	Sk, AN, DG,KN,PN, JR, JJ, BM
	10.Security Analysis	3	Sk, AN, DG,KN,PN, JR, JJ, BM
	11.Scalability Assessment	2	Sk, AN, DG,KN,PN, JR, JJ, BM
	12.Document Findings	1	Sk, AN, DG,KN,PN, JR, JJ, BM
	13.Prepare Report	1	Sk, AN, DG,KN,PN, JR, JJ, BM
Total		30	

Total New Estimate = 3+3+4+2+2+2+2+2+3+3+2+1+1 = 30

30 hrs -30 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
Collab Search	1. Design the layout of how collab feature will appear as on the navigation bar in our website	2	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Research how collab search feature will function based on the BRD (4 hour)	4	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Create layout of the collab feature in a Low Level Design (2 hours)	2	AN, DG,KN,PN, JR, JJ, BM, SK

	4. Code out data access layer for collab search (6 hours)	6	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Code out service layer for collab feature (4 hours)	4	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Code out controller for collab search (6 hours)	6	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Create the frontend buttons for collab search (4 hours)	4	AN, DG,KN,PN, JR, JJ, BM, SK
	8. Test out collab search (4 hours)	4	AN, DG,KN,PN, JR, JJ, BM, SK
			AN, DG,KN,PN, JR, JJ, BM, SK
	Total	32	

1. Design layout on figma = 2
2. Research feature in BRD = 4
3. Create LLD sequence diagram = 2
4. Data Access code = 6
5. Service layer = 4

6. Controller code = 6
7. Frontend buttons = 4
8. Test out feature = 4

Total New Estimate = 32 hrs

32 hrs - 32 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 Frontend	1. Load/Display multiple posts 2. Create/upload posts	15	AN, DG,KN,PN, JR, JJ, BM, SK
Bingo Board Backend	1. Save created posts to database 2. Send requested post information to users	15	AN, DG,KN,PN, JR, JJ, BM, SK
Bingo Board Tests	1. Tests for above features	5	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	35	

1. Bingo board frontend = 15
2. Bingo board backend = 15
3. Bingo board tests = 5

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 (I.C.)	1. Fix I.C. in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Create LLD for I.C.	1	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Create Backend Codes for Item Creation a. Data Access Layer Code b. I.C. Service Code c. API endpoints Code	5	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Create Frontend Codes for Item Creation a. I.C. HMTL Code b. I.C. JS code c. I.C. CSS Code	5	AN, DG,KN,PN, JR, JJ, BM, SK
Item Listing (I.L.)	5. Fix I.L. in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Create LLD for I.L.	1	AN, DG,KN,PN, JR, JJ, BM, SK

	7. Create Backend Codes for Item Listing a. Data Access Layer Code b. I.L. Service Code c. API endpoints Code	6	AN, DG,KN,PN, JR, JJ, BM, SK
	8. Create Frontend Codes for Item Listing a. I.L. HMTL Code b. I.L. JS code c. I.L. CSS Code	8	AN, DG,KN,PN, JR, JJ, BM, SK
Offering	9. Fix Offering in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	10. Create LLD for Offering	1	AN, DG,KN,PN, JR, JJ, BM, SK
	11. Create Backend Codes for Offering a. Data Access Layer Code b. Offering Service Code	10	AN, DG,KN,PN, JR, JJ, BM, SK

	c. API endpoints Code		
	12. Create Frontend Codes for Offering a. Offering HMTL Code b. Offering JS code c. Offering CSS Code	10	AN, DG,KN,PN, JR, JJ, BM, SK
Fixing AuthN	4. Create AuthN Custom Middleware	3	AN, DG,KN,PN, JR, JJ, BM, SK
	5. Add AuthN Middleware into the pipeline	2	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Create AuthN Implement AuthN Custom Middleware	5	AN, DG,KN,PN, JR, JJ, BM, SK
	Total	60	

1+1+5+5+1+1+6+8+1+1+10+10+3+2+5

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
Fixing AuthZ	Create AuthZ Custom Middleware	2	AN, DG,KN,PN, JR, JJ, BM, SK
	Add AuthZ Middleware into the pipeline	1	AN, DG,KN,PN, JR, JJ, BM, SK
	Implement AuthZ Custom Middleware Validate Access Token signature Validate Access aud claim Validate Scope claim	7	AN, DG,KN,PN, JR, JJ, BM, SK
Price Range Sorting	Research Which features are required to make the price range sorting efficient and ensure the user finds their product faster?	6	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,	6	AN, DG,KN,PN, JR, JJ, BM, SK

	and technical requirements, so the development team has clear guidelines.		
	Front End Development 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.	14	AN, DG,KN,PN, JR, JJ, BM, SK
	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 must 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
	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	60	

1. Create AuthZ Custom Middleware = 2
2. Add AuthZ Middleware into the pipeline = 1
3. Implement AuthZ Custom Middleware = 7
    - Validate Access Token signature
    - Validate Access aud claim
    - Validate Scope claim
4. Research = 6
5. Planning and design = 6
6. Frontend Development = 14
7. Backend Development = 14
8. Testing and quality assurance = 6

9. deployment = 4

Total New Estimate = 60hrs

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

Khuong

Work Item	Task	Estimation in pts	Team Confirmation
Item Modification	1. Fix Item Modification in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	2. Create LLD for Item Modification	1	AN, DG,KN,PN, JR, JJ, BM, SK
	3. Create Backend Codes for Item Modification a. Data Access Layer Code b. Item Modification Service Code c. API endpoints Code	5	AN, DG,KN,PN, JR, JJ, BM, SK
	4. Create Frontend	5	AN, DG,KN,PN, JR, JJ, BM, SK

	Codes for Item Modification a. Item Modification HMTL Code b. Item Modification JS code c. Item Modification CSS Code		
Item Deletion	5. Fix Item Deletion in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	6. Create LLD for Item Deletion	1	AN, DG,KN,PN, JR, JJ, BM, SK
	7. Create Backend Codes for Item Deletion a. Data Access Layer Code b. Item Deletion Service Code c. API endpoints Code	4	AN, DG,KN,PN, JR, JJ, BM, SK

	8. Create Frontend Codes for Item Deletion a. Item Deletion HMTL Code b. Item Deletion JS code c. Item Modification CSS Code	4	AN, DG,KN,PN, JR, JJ, BM, SK
Inventory Stock List	9. Fix Inventory Stock List in BRD	1	AN, DG,KN,PN, JR, JJ, BM, SK
	10. Create LLD for Inventory Stock List	3	AN, DG,KN,PN, JR, JJ, BM, SK
	11. Create Backend Codes for Inventory Stock List a. Data Access Layer Code b. Inventory Stock List Service Code	5	AN, DG,KN,PN, JR, JJ, BM, SK

	c. API endpoints Code		
	12. Create Frontend Codes for Inventory Stock List a. Inventory Stock List HMTL Code b. Inventory Stock List JS code c. Inventory Stock List CSS Code	5	AN, DG,KN,PN, JR, JJ, BM, SK
Financial Progress Report	13. Fix Financial Progress Report. in BRD	2	AN, DG,KN,PN, JR, JJ, BM, SK
	14. Create LLD for Financial Progress Report	3	AN, DG,KN,PN, JR, JJ, BM, SK
	15. Create Backend Codes for Financial Progress Report a. Data Access	7	AN, DG,KN,PN, JR, JJ, BM, SK

	Layer Code b. Financial Progress Report Service Code c. API endpoints Code		
	16. Create Frontend Codes for Financial Progress Report a. Financial Progress Report HMTL Code b. Financial Progress Report JS code c. Financial Progress Report CSS Code	7	AN, DG,KN,PN, JR, JJ, BM, SK
Finish implementing Cors and JWT token fixes	17. Finish Implementing Cors	2	AN, DG,KN,PN, JR, JJ, BM, SK
	18. Fix JWT Token	3	AN, DG,KN,PN, JR, JJ, BM, SK

Total	60

1+1+5+5+1+1+4+4+1+3+5+5+2+3+7+7 = 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 = 354

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

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

Is Team Phoenix within our sprint capacity?:

	Original Estimate	New Team Estimate
Total	360	354

Team capacity - estimated hours:

367 - 354 = 13 hours

We have 13 extra hours but seeing as that is outside our bounds of 15% we seem to be underallocating.. We have a bit to catch up on so hopefully these extra hours can be used to finish what we have gotten a little behind on. A lot of people are working extra on this sprint so it's important we meet all deadlines and not fall behind like we usually do on one or two tasks, especially if we are over 15% in extra hours available this sprint..