Beverage Booker
Iteration Plan 6

1. Key milestones

Milestone	Date
Iteration start	21/09/20
Testing for the View Account Implementation completed	23/09/20
Testing for the Manage Staff Implementation completed	23/09/20
Place Order Bug Resolved	23/09/20
Update and Run Customer App Automated Tests	25/09/20
Customer App UI Updates completed	26/09/20
Customer App Help Video Recorded and Linked	26/09/20
Customer App v1.0 Deployed to Google Play for Beta Testing	30/09/20
Staff App UI Updates completed	02/10/20
Update and Run Staff App Automated Tests	04/10/20
Update and Run Web Server Tests	09/10/20
Testing Manifest and Test Results Website completed	09/10/20
Staff User Manual completed	09/10/20
Customer Troubleshooting Guide completed	09/10/20
Construction Phase Status Assessment completed	10/10/20
Beta Tests for 1st round written	10/10/20
Iteration stop	10/10/20

2. High-level objectives

1. Test the View Account (Edit Info) use-case
   Outcome: The View Account use-case has passed automated testing.

2. Test the Manage Staff implementation
   Outcome: The Add and Delete Staff functions have passed automated testing.

3. Update the UI in the Customer App
   Outcome: Customer App UI is properly constrained for different mobile screen sizes. Branding/colour scheme is consistent throughout the app.

4. Prepare help video for the Customer App
   Outcome: Help video is recorded for Customer App main functions.

5. Address bug in the Place Order Activity
   Outcome: The bug that is stopping orders being placed in the database has been addressed and the implementation is fully functional

6. Write Beta Tests for Transition Phase
   Outcome: 1st round Beta Tests are written and ready for the Transition Phase

7. Write user manual for the Customer and Staff App
   Outcome: A complete user manual has been written for all the functions within the Staff App. Customer App includes troubleshooting guide for errors not covered by Customer App help video.

8. Update the UI in the Staff App
   Outcome: Staff App UI is properly constrained for different mobile screen sizes. Branding/colour scheme is consistent throughout the app.

9. Deploy Customer App to the Google Play Store
   Outcome: Customer App has been successfully deployed to the Google Play Store and is ready for Transition Phase Beta Testing

10. Complete Project Status Assessment
    Outcome: Project Status Assessment has been completed and is ready for IOCM submission.

11. Update and Run Automated Tests in the Customer App
    Outcome: Automated tests are updated to run with Beta version 1.0 of the Customer App when it is connected to the web server

12. Write UATs for contingency iteration testing
    Outcome: UATs are ready for the contingency iteration round of testing

13. Conduct contingency iteration UAT testing on UI updates and CCRD use-case
    Outcome: UAT testing has been carried out on the UI updates and the CCRD use-case.

14. Push the latest version of the local server up to the web server and update the database structure
    Outcome: Web server has the latest version of our local PHP server and is functioning without issues ready for the construction iteration UAT and Transition Phase testing. Database tables are updated with any structural changes.

15. Update and run automated tests in the Staff Application
    Outcome: Automated tests are updated to run with Beta version 1.0 of the Staff App when it is connected to the web server

16. Create Testing Manifest and update web server tests
    Outcome: Web server tests have been updated and run. Testing Manifest created and fully documents testing for the Construction Phase up to IOCM.

17. Add testing results to dedicated test results website
    Outcome: Test results website constructed and all testing results for the Construction Phase up to IOCM are viewable via the website.

18. Run updated Postman web server tests before deployment
    Outcome: Postman web server tests for the Customer App and Staff App use-case collections have been run again before deployment.

3. Work Item assignments

Key:

Complete - Completed successfully this iteration.
Incomplete - Remains incomplete but not due to lack of time devoted by assigned team members and/or is postponed/rescheduled.
Incomplete - Remains incomplete and will require explanation and/or escalation.

The following Work Items will be addressed in this iteration:

Work Item ID	Name or key words of description	Outcome	State	Assigned to (name)	Estimated Hours	Hours worked	Estimate of hours remaining
1.0	Test the View Account (Update Info) use-case	Testing completed for the View Account implementation. Passed Android and Postman server testing.	**Complete**	Benn	3	3	0
1.1.1 1.1.2	Integration Test the View Account Customer App implementation	Wrote automated tests for the View Account use-case implementation. Tested for bad/empty input for fields and happy day scenario for updating account. Passed testing.	**Complete**	Benn	2	3	0
1.2	Test the View Account Server implementation	Wrote a series of automated Postman tests for the View Account use-case. Checks the different account functions such as updating user details, password and deleting a user account. Passed testing.	**Complete**	Benn	1	1.25	0
2.0	Test the Manage Staff implementation	Testing completed for the Manage Staff implementation. Passed Android and Postman server testing.	**Complete**	Jake/ Benn	4	2.25	0
2.1	Test the Manage Staff Staff App implementation	Manage Staff integration testing completed.	**Complete**	Jake	2	1.5	0
2.2	Test the Manage Staff Server implementation	Wrote a series of automated Postman tests for the Manage Staff use-case. Checks the different functions such as adding staff, deleting staff and getting the staff list from the server. Passed testing.	**Complete**	Benn	2	0.75	0

3.0	Update the UI in the Customer App	Customer App UI updates completed. Ready for Google Play deployment.	**Complete**	Benn	4	3.5	0
3.1	Account UI Update	Adjusted constraints of buttons and added colour/text to match app theme.	**Complete**	Benn	1	1	0
3.2	Change Password UI Update	Updated the background, input fields and buttons to match other pages. Adjusted constraints.	**Complete**	Benn	1	0.5	0
3.3	Adjust constraints on problem layouts	Updated and adjusted constraints on a number of layouts. Mostly small adjustments to allow for correct display on smaller screen mobile devices. Confirmed as i adjusted by running the app on physical hardware (screen size 5.2").	**Complete**	Benn	2	2	0
4.0	Prepare help video for the Customer App	Help video for the Customer App created and linked within the Help Menu and help links throughout the app.	**Complete**	Jacob	6	8	0
4.1	Make the help video	Help video has been created and uploaded as an unlisted video to youtube.	**Complete**	Jacob	4	6	0
4.2	Link up the help video to the customer app	Each aspect of the help screen and all screens with a help option have been linked up to the youtube video (more information in description of commit).	**Complete**	Jacob	2	2	0
5.0	Address bug in the Place Order Activity	Entire team worked together and quickly identified the bug. Benn then made the updates and tested the changes to fix the bug.	**Complete**	Multiple	5	2.75	0
5.1.1 5.1.2	Troubleshoot/bug trace to find issue with Place Order implementation	Emily and Jacob quickly found the bug. I have committed the changes as it was a bug I accidentally introduced during my View Order implementation. The bug is localised to the server method.	**Complete**	Benn	1	0.5	0
5.2	Troubleshoot/bug trace to find issue with Place Order implementation	Bug has been identified and resolved.	**Complete**	Emily	1	0.5	0

5.3	Troubleshoot/bug trace to find issue with Place Order implementation	Bug has been identified and resolved.	**Complete**	Jacob	1	0.5	0
5.4	Troubleshoot/bug trace to find issue with Place Order implementation	Bug has been identified and resolved.	**Complete**	Jake	1	0.5	0
5.5	Test changes to placeOrder method on the server	Updated the Postman automated tests for the Place Order use-case. Checks for valid and invalid data, along with placing a valid pick up and delivery order. Passed testing.	**Complete**	Benn	1	0.75	0
6.0	Write Beta Tests for Transition Phase	Writing the 2nd round Beta Tests is reliant on feedback received from the 1st round so this job will carry over to the next iteration.	**Incomplete**	Jake/Jacob	8	6	4
6.1	Write Beta tests for 1st round of external testing	First round Beta test surveys for Customer App and Staff App written.	**Complete**	Jake/Jacob	4	6	0
6.2	Write Beta test for 2nd round of external testing	Will be completed in the Transition Phase 1st iteration once we receive results for the first round of Beta Testing.	**Incomplete**	Jake/Jacob	4	0	4
7.0	Write user manual for the Customer and Staff App	A manual for the staff has been completed & customer	**Complete**	Emily	6	7	0
7.1	Write user manual for the Staff App	User manual for use cases has been created. And is deployed with the staff app	**Complete**	Emily	4	5	0
7.2	Troubleshooting guide for customer app	A troubleshooting guide for the customer for common error messages	**Complete**	Emily	2	2	0
8.0	Update the UI in the Staff App	UI for the Staff App has been updated with the Beverage Booker branding and now matches the Customer App.	**Complete**	Benn/ Emily/ Jake	10	17.75	0
8.1	Add resource files to the Staff App	Converted the background files from the Customer App into a higher resolution for tablet using Adobe XD. Exported and added backgrounds, logos, default button, default input field, and the colors.xml to the Staff App.	**Complete**	Benn	1	1.25	0

8.2	Updating UI of Manage Staff, Orders and Delivery Use Cases.	UI of Manage Staff, Orders and Deliveries updated.	**Complete**	Jake	4	10	0
8.3.1 8.3.2	Update the Orders Adapter and Order Items UI	Updated the Adapter class for displaying the order items. Now for individual order items only relevant options selected by the customer when placing an order are displayed. Also updated the UI cardview for order items to display these selected options.	**Complete**	Benn	2	1.5	0
8.4	UI size adjustments	Adjustments for tablet sizing	**Complete**	Emily	3	5	0
9.0	Deploy Customer App to the Google Play Store	Customer App has been deployed to the Google Play Store for Beta Testing.	**Complete**	Benn	17	13.25	0
9.1	Research requirements for deploying the Customer App on the Google Play Store	Read over the official documentation about how to get an app approved on Google Play for the first time. Also watched some video guides about deployment and testing through Google Play.	**Complete**	Benn	4	3.5	0
9.2	Research how to write a Privacy Policy for an Australian app	Found some resources on how to write an effective Privacy Policy for an Australia-based app. Used the OAIC guide and Coffee Club Australia's Privacy Policy for guidance.	**Complete**	Benn	2	1	0
9.3	Write Privacy Policy for Customer App	Following the OAIC guide and the Coffee Club's Privacy Policy i wrote a Privacy Policy for our Customer App. It will be viewable on the Create User page of the Customer App, as well as on a dedicated web address.	**Complete**	Benn	2	1.75	0

9.4.1 9.4.2 9.4.3	Implement the Privacy Policy within the Customer App	Implemented the Privacy Policy on the Create User page of the Customer App. Added a clickable disclaimer, which then opens a Custom Dialog that displays the Beverage Booker Privacy Policy.	**Complete**	Benn	2	1.25	0
9.5	Implement Privacy Policy on a Google Site	Used Google's free service to create a web page for the Privacy Policy. This is a requirement that needed to be filled for deploying the app to Google Play.	**Complete**	Benn	2	1	0
9.6	Fill out the requirements for deployment within the Google Play Console	Paid and signed up for a developer account. Then I went through the process of applying while following a couple of Youtube tutorials I had found for guidance. Also made the assets that are required for sign up (banner picture, logo, screenshots etc).	**Complete**	Benn	2	2.5	0
9.7	Create launcher icon for the App	Created a launcher icon for the Customer App from a simplified version of the Beverage Booker logo.	**Complete**	Benn	1	0.75	0
9.8	Run automated tests against the Customer App	Ran all the automated tests for a 2nd time this iteration. Automated tests for Create User, Login, Sign Out, Fill Cart, Empty Cart, Place Order, Book Delivery, View Account and View Order all passed.	**Complete**	Benn	1	0.75	0
9.9	Run CCRD (Place Order & Book Delivery) automated tests against the Customer App	Ran the automated integration tests for Place Order and Book Delivery 10 times each to ensure the CCRD use-case had been thoroughly tested. The CCRD use-case passed all 20 runs.	**Complete**	Benn	1	0.75	0
10.0	Complete Project Status Assessment	Project Status Assessment for the Construction Phase	**Complete**	Emily	4	6	0

		completed.					
10.1	Complete Project Status Assessment	Project Status Assessment for the Construction Phase completed.	**Complete**	Emily	4	6	0
11.0	**Update and Run Automated Tests in the Customer App**	Updated and ran tests for the following use-cases: Create User, Login, Sign Out, Fill Cart, Empty Cart, Place Order, Book Delivery, View Order and View Account.	**Complete**	Benn	12.5	8	0
11.1.1 11.1.2	Update Create User Instrumented Test	Updated the Create User Instrumented test. Added Thread.sleep throughout to allow time for responses from the web server. Updated some outdated field checks. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	1	0
11.2.1 11.2.2	Update Login Instrumented Test	Updated the Login Instrumented Test. Changed test method names and set the test to run in a sequential order. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.5	0
11.3.1 11.3.2	Update Sign Out Instrumented Test	Updated the Sign Out Instrumented Test. Changed test method names and set the test to run in a sequential order. Updated outdated XML names and added Thread.sleep calls to allow time for the web server to respond. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.75	0
11.4.1 11.4.2	Update Fill Cart Instrumented Test	Updated the Fill Cart Instrumented Test. Changed test method names and set the test to run in a sequential order. Updated outdated XML names and added Thread.sleep calls to allow time for the web server to respond. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.75	0

11.5.1 11.5.2	Update Empty Cart Instrumented Test	Updated the Empty Cart Instrumented Test. Updated outdated XML names and added Thread.sleep calls to allow time for the web server to respond. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.5	0
11.6.1 11.6.2	Update Place Order Instrumented Test	Updated the Place Order Instrumented Test. Updated outdated XML names and added Thread.sleep calls to allow time for the web server to respond. Changed some of the tests to check for more fields. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	1	0
11.7.1 11.7.2	Update Book Delivery Instrumented Test	Updated the Book Delivery Instrumented Test. Changed test method names and set the test to run in a sequential order. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.25	0
11.8.1 11.8.2	Update Login/Sign Out Integration Test	Updated the Login/Sign Out Integration Test. Added Thread.sleep throughout to allow for server responses. Updated some XML names and changed the login used to our default test case: 'Jane Doe'. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.5	0
11.8.3 11.8.4	Update Fill Cart/Empty Cart Integration Test	Updated the Fill Cart/Empty Cart Integration Test. Added Thread.sleep throughout to allow for server responses. Updated some XML names and changed the menu item used to 'Sausage Roll' as it is currently in our web server menu. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.5	0
11.8.5 11.8.6	Update Fill Cart/Delete Single Cart Item Integration Test	Updated the Fill Cart/Delete Single Cart Item Integration Test. Only needed minor changes: added longer	**Complete**	Benn	0.5	0.25	0

		Thread.sleep throughout to allow for server responses. Changed the test name to a boolean title.					
11.8.7 11.8.8	Update Fill Cart/Place Order Integration Test	Updated the Fill Cart/Place Order Integration Test. Fixed some issues with credit card input and also added longer Thread.sleep calls throughout to allow for server lag. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.75	0
11.9.1 11.9.2	Update Fill Cart/Book Delivery Integration Test	Updated the Fill Cart/Book Delivery Integration Test. Rewrote it as it was all outdated. It now fills cart and then places a delivery order using the default test user: 'Jane Doe'. Ran while connected to the web server and passed testing.	**Complete**	Benn	1	0.75	0
11.9.3 11.9.4	Update View Order Integration Test	Updated the View Order Integration Test. Only changed the default test user to 'Jane Doe' and added Thread.sleep throughout to allow for server responses. Ran while connected to the web server and passed testing.	**Complete**	Benn	0.5	0.25	0
11.9.5 11.9.6	Update View Account Integration Test	Updated the View Account Integration Test. Only changed the default test user to 'Jane Doe'. Ran while connected to the web server and passed testing.	**Complete**	Benn	0.5	0.25	0
12.0	Write UATs for contingency iteration testing	UATs written for the following scenarios: Place Order/Fill Order, Help Menu and Privacy Policy.	**Complete**	Benn	7.5	6.25	0
12.1	Write UATs for Place Order/Fill Order Scenario	UAT for the Place Order/Fill Order Scenario written and ready for contingency iteration testing.	**Complete**	Benn	4	3.5	0
12.2	Write UATs for Help Menu Scenario	UAT for the Help Menu Scenario written and ready for contingency iteration testing.	**Complete**	Benn	3	2.5	0

12.3	Write UATs for Privacy Policy Scenario	UAT for the Privacy Policy Scenario written and ready for contingency iteration testing.	**Complete**	Benn	0.5	0.25	0
13.0	Conduct contingency iteration UAT testing on UI updates and CCRD use-case	Contingency iteration UAT for the Place Order/Fill Order, Help Menu & Privacy Policy completed by all team members.	**Complete**	Multiple	8	5.75	0
13.1	Conduct contingency iteration UAT testing on UI updates and CCRD use-case	Contingency iteration UAT for the Place Order/Fill Order, Help Menu & Privacy Policy completed.	**Complete**	Benn	2	1.75	0
13.2	Conduct contingency iteration UAT testing on UI updates and CCRD use-case	Contingency iteration UAT for the Place Order/Fill Order & Help Menu completed.	**Complete**	Jake	2	1	0
13.3	Conduct contingency iteration UAT testing on UI updates and CCRD use-case	Contingency iteration UAT for the Place Order/Fill Order & Help Menu completed.	**Complete**	Jacob	2	1	0
13.4	Conduct contingency iteration UAT testing on UI updates and CCRD use-case	Contingency iteration UAT for the Place Order/Fill Order & Help Menu completed.	**Complete**	Emily	2	2	0
14.0	Push the latest version of the local server up to the web server and update the database structure	Latest version of the local server has been pushed up to the Beverage Booker web server. 'items' table in the database has been updated to include a full food menu ready for Beta Testing.	**Complete**	Benn	1.5	2	0
14.1	Push the latest version of the local server up to our hosted web server (beveragebooker.com)	Latest updates for the local server have been pushed up to the web server.	**Complete**	Benn	0.5	0.75	0
14.2	Update the 'items' table in the database to include full food menu	Added food menu items to the 'items' table so the cafe menu is complete for the contingency iteration UAT and the Beta Testing to follow.	**Complete**	Benn	1	1.25	0
15.0	Update and run automated tests in the Staff Application	All automated tests within the Staff App updated and re-run. This included the following use-cases: Browse Menu, View Active Order,	**Complete**	Jacob	7.25	5.5	0

		Fill Order, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory, Update Inventory, Deliver Order and Manage Staff.					
15.1	Update Add Menu Item Integration Test	Add Menu Item Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.2	Update Browse Menu Integration Test	Browse Menu Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.3	Update Delete Menu Item Integration Test	Delete Menu Item Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.75	1	0
15.4	Update Instrumented View Active Order Test	View Active Order Instrumented Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.5	Update Queuing System (Fill Order) Integration Test	Fill Order Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.6	Update Queuing System (Fill/Complete Order) Integration Test	Fill/Complete Order Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.7	Update Edit Menu Item Integration Test	Edit Menu Item Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.5	0
15.8	Update Instrumented Test Browse Menu	Browse Menu Instrumented Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0
15.9	Update Instrumented Test Delete Menu Item	Delete Menu Item Instrumented Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0
15.10	Update Instrumented Test Deliver Order	Deliver Order Instrumented Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0
15.11	Update Instrumented Test View Inventory	View Inventory Instrumented Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0

15.12	Update Integration Test Manage Staff	Manage Staff Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0
15.13	Update Inventory Integration Test	Update Inventory Integration Test updated. Ran while connected to the web server. Passed testing.	**Complete**	Jacob	0.5	0.25	0
16.0	Create Testing Manifest and update web server tests	Testing manifest created and updated to include all the test results for the Construction Phase. Web server tests have also been updated and re-run before adding these results to the manifest.	**Complete**	Benn	32	30	0
16.1.1 16.1.2	Add Create User use-case results to test manifest and website	Added the Create User automated test results to the Testing Manifest. Also added the Create User results to the testing results website (this was the initial test results website but i later switched to a Wix website for our final version as it was easier to use).	**Complete**	Benn	3	2.5	0
16.1.3 16.1.4	Add Login use-case results to test manifest and website	Added the Login automated test results to the Testing Manifest. Also added the Login results to the testing results website (this was the initial test results website but i later switched to a Wix website for our final version as it was easier to use).	**Complete**	Benn	2	1.5	0
16.1.5 16.1.6	Add Sign Out use-case results to test manifest and website	Added the Sign Out automated test results to the Testing Manifest. Also added the Sign Out results to the testing results website (this was the initial test results website but i later switched to a Wix website for our final version as it was easier to use).	**Complete**	Benn	2	1.5	0
16.1.7 16.1.8	Add Browse Menu use-case results to test manifest and website	Added the Browse Menu automated test results to the Testing Manifest. Also added the Browse Menu results to the testing results website (this was the initial test results website but i later	**Complete**	Benn	1	0.75	0

		switched to a Wix website for our final version as it was easier to use).					
16.2.1	Add Fill Cart use-case results to test manifest and website	Added the Fill Cart automated test results to the Testing Manifest.	**Complete**	Benn	1	2	0
16.2.3 16.2.4	Add Empty Cart use-case results to test manifest and update and run web server tests	Updated and ran the Empty Cart web server tests. Added the Empty Cart automated test results to the Testing Manifest.	**Complete**	Benn	2	3.25	0
16.2.5 16.2.6	Add View Cart use-case results to test manifest and update and run web server tests	Updated and ran the View Cart web server tests. Added the View Cart automated test results to the Testing Manifest.	**Complete**	Benn	1	0.5	0
16.2.7 16.2.8 16.2.9	Add Place Order use-case results to test manifest and update and run web server tests	Updated and ran the Place Order web server tests. Added the Empty Cart automated test results to the Testing Manifest.	**Complete**	Benn	3	3	0
16.3.3 16.3.4	Add View Account use-case results to test manifest and update and run web server tests	Updated and ran the View Account web server tests. Added the View Account automated test results to the Testing Manifest.	**Complete**	Benn	2	2	0
16.3.5 16.3.6	Add View Order use-case results to test manifest and update and run web server tests	Updated and ran the View Order web server tests. Added the View Order automated test results to the Testing Manifest.	**Complete**	Benn	1	1	0
16.3.7 16.3.8	Add Manage Staff use-case results to test manifest and update and run web server tests	Updated and ran the Manage Staff web server tests. Added the Manage Staff automated test results to the Testing Manifest.	**Complete**	Benn	1	1.25	0
16.4.1 16.4.2 16.4.3 16.4.4	Add Staff Log In, View Active Order & Fill Order use-case results to test manifest and update and run web server tests	Updated and ran the Log In, View Active Order & Fill Order web server tests. Added the Log In, View Active Order & Fill Order automated test results to the Testing Manifest.	**Complete**	Benn	2	2	0
16.4.5 16.4.6 16.4.7	Add View Delivery & Deliver Order use-case results to test manifest and update and run web server tests	Updated and ran the View Delivery & Deliver Order web server tests. Added the View Delivery & Deliver Order automated test results to the Testing Manifest.	**Complete**	Benn	2	1.5	0

16.5.1 16.5.2 16.5.3 16.5.4 16.5.5	Add Browse Menu, Add Menu Item, Edit Menu Item & Delete Menu Item use-case results to test manifest and update and run web server tests	Updated and ran the Browse Menu, Add Menu Item, Edit Menu Item & Delete Menu Item web server tests. Added the Browse Menu, Add Menu Item, Edit Menu Item & Delete Menu Item automated test results to the Testing Manifest.	**Complete**	Benn	3	3	0
16.5.6 16.5.7 16.5.8	Add View Inventory & Update Inventory use-case results to test manifest and update and run web server tests	Updated and ran the View Inventory & Update Inventory web server tests. Added the View Inventory & Update Inventory automated test results to the Testing Manifest.	**Complete**	Benn	2	1.25	0
16.6	Add the Alpha Testing (UATs) to the testing manifest	Updated the testing manifest to include the Alpha Testing (UATs) with links to the full documents on the testing results website.	**Complete**	Benn	2	1.25	0
16.7	Add the Deployment Testing results to the testing manifest	Updated the testing manifest to include the Deployment Testing results with links to the full results on the test results website.	**Complete**	Benn	1	0.5	0
16.8	Add remaining links for server test results to the test results website	Updated the testing manifest with the final links to the testing results website.	**Complete**	Benn	1	1.25	0
17.0	Add testing results to dedicated test results website	Constructed a dedicated test results website using wix.com. Added all the HTML test result files for each test run during the Construction Phase, as well as embedding PDFs for the Alpha Testing (UATs).	**Complete**	Benn	12	10.75	0
17.1.1 17.1.2 17.1.3 17.1.4 17.1.5 17.1.6 17.1.7 17.1.8 17.1.9 17.2.1	Add the Android automated test results and Postman server test results for the Customer App use-cases to the test results website	Added the test results for the Create User, Login, Sign Out, Browse Menu, Fill Cart, Empty Cart, View Cart, Place Order (CCRD - including Book Pick Up & Book Delivery), View Order and View Account use-cases to the test results website.	**Complete**	Benn	4	4.25	0

17.3.1 17.3.2 17.3.3 17.3.4 17.3.5 17.3.6 17.3.7 17.3.8 17.3.9 17.4.1 17.4.2 17.4.3	Add the Android automated test results and Postman server test results for the Staff App use-cases to the test results website	Added the test results for the Manage Staff (Add & Delete Staff), Staff Login, View Active Order, Fill Order (CCRD), View Delivery, Deliver Order, Browse Menu, Add Menu Item, Edit Menu item, Delete Menu Item, View Inventory and Update Inventory use-cases to the test results website.	**Complete**	Benn	4	2.75	0
17.5.1 17.5.2 17.5.3 17.5.4 17.5.5 17.5.6	Add Alpha Testing (UATs) to testing results website	Added the UAT documents for Construction Iterations 1-6 to the testing results website.	**Complete**	Benn	1	0.75	0
17.6.1 17.6.2 17.6.3 17.6.4	Add Deployment Testing results to the test results website	Added the Deployment Testing to the test results website. This included re-running all the automated Android and Postman server tests before the app is deployed for Beta Testing.	**Complete**	Benn	3	3	0
18.0	Run updated Postman web server tests before deployment	Re-ran both the Customer App and Staff App Postman test collections for 3 iterations each. The web server as a whole passed all of the testing before deployment.	**Complete**	Benn	2	2	0
18.1.1 18.1.2 18.1.3	Run Customer App use-case Postman tests against the web server (3 complete runs)	Ran all the Postman automated web server tests for the Customer App use-cases. This included: Create User, Login, Browse Menu, Fill Cart, Empty Cart, View Cart, Place Order (Pick Up & Delivery), View Order and View Account. Ran the full Customer App collection 3 times. Each iteration of the Customer App use-cases passed testing.	**Complete**	Benn	1	1	0
18.2.1 18.2.2 18.2.3	Run Staff App use-case Postman tests against the web server (3 complete runs)	Ran all the Postman automated web server tests for the Staff App use-cases. This included: Manage Staff, Staff Login, View Active	**Complete**	Benn	1	1	0

		Order, Fill Order, View Delivery, Deliver Order, Browse Menu, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory and Update Inventory. Each iteration of the Staff App use-cases passed testing.					

4. Issues

Issue	Status	Notes
No issues to report this iteration.		

5. Assessment

Assessment target	To complete all assigned jobs by the end of the iteration.
Assessment date	10/10/20
Participants	Benn Curby, Emily Carter, Jake Durnford and Jacob Kennedy
Project status	**Green** - IOCM milestone reached.

6. Assessment against objectives:

Key:
Complete - Completed successfully this iteration.
Incomplete - Remains incomplete but not due to lack of time devoted by assigned team members and/or is postponed/rescheduled.
Incomplete - Remains incomplete and will require explanation and/or escalation.

Objective	Status
Test the View Account (Update Info) use-case	**Complete** - Benn completed integration testing for the Android implementation of the View Account use-case. This includes functions such as updating account info, changing password, and deleting a user's account. Use-case passed integration testing. **Complete** - Benn testing the web server methods for the View Account implementation. Passed testing.
Test the Manage Staff implementation	**Complete** - Jake tested the Android implementation for the Manage Staff use-case. This includes functions such as Add Staff and Delete Staff. Passed integration testing. **Complete** - Benn carried out server testing using Postman for the Manage Staff methods. Implementation passed testing.
Update the UI in the Customer App	**Complete** - Benn made the final updates to the Customer App UI that had carried over from the last iteration. Finished updates to the View Account and Change Password pages. Also finalised some

	constraints on other layouts. UI was finished and ready for Beta Testing.
Prepare help video for the Customer App	**Complete** - Jacob recorded a help video for the Customer App for main use-cases: Create User, Login, Fill Cart, Empty Cart, Book Pick Up, Book Delivery, Update Account and Delete Account. Once recorded he then linked the video within the Help Menu of the app, as well as with help links in possible trouble areas throughout the app.
Address bug in the Place Order Activity	**Complete** - Entire team worked together and quickly the bug in Place Order was identified in the Place Order method on the server. Benn then made the required changes to the method and tested the changes to the method. Bug has been successfully resolved.
Write Beta Tests for Transition Phase	**Complete** - Jake and Jacob wrote the 1st round Beta Test surveys for the Customer and Staff Apps. **Incomplete** - 2nd round Beta test surveys are marked as incomplete, however this job shouldn't have been added to this iteration plan as the 2nd round tests rely on 1st round results to be written. This job carries over to the next iteration when we will receive 1st round results.
Write user manual for the Staff App	**Complete** - Emily created a Staff App user manual in PDF form that covers the use-cases as well as troubleshooting/common errors within the Staff App.
Update the UI in the Staff App	**Complete** - Benn transferred the Beverage Booker branding assets (logo, background, etc) across to the Staff App so Emily and Jake could then apply them throughout the app. Benn also updated the Orders Adapter so options for menu items would be displayed correctly as selected by the customer. **Complete** - Jake updated the UI of Manage Staff, Orders and Deliveries to reflect Beverage Booker branding and match the Customer App. Also added the menu bar and some back buttons for better navigation. **Complete** - Emily updated the remaining pages within the Staff App, applying the Beverage Booker branding and fixing constraints for the 10 inch tablet screen size.
Deploy Customer App to the Google Play Store	**Complete** - Benn deployed the Customer App to the Google Play Store for Beta Testing. This involved writing a Privacy Policy and embedding it within the app, as well as some other requirements such as

	providing branding assets for the Play Store listing. Also re-ran all the Customer App automated tests again before the final APK was packaged and uploaded for approval.
Complete Project Status Assessment	**Complete** - Emily completed the Project Status Assessment for the Construction Phase, ready for our IOCM submission.
Update and Run Automated Tests in the Customer App	**Complete** - Benn updated and ran all the automated Android tests within the Customer App. This included the following use-cases: Create User, Login, Sign Out, Fill Cart, Empty Cart, Place Order, Book Delivery, View Order and View Account. All tests passed upon update and re-run.
Write UATs for contingency iteration testing	**Complete** - Benn wrote UATs for the following scenarios: Place Order/Fill Order, Help Menu and Privacy Policy.
Conduct contingency iteration UAT testing on UI updates and CCRD use-case	**Complete** - Contingency iteration UAT for the Place Order/Fill Order, Help Menu & Privacy Policy completed by all team members. Place Order/Fill Order tested the CCRD use-cases for both apps, the Help Menu scenario tested the links to the help video within the Customer App, while the Privacy Policy scenario tested that the Privacy Policy was displaying correctly when clicked on the Create User page of the Customer App.
Push the latest version of the local server up to the web server and update the database structure	**Complete** - Benn pushed the latest version of the local server up to the Beverage Booker web server. He also updated the 'items' table in the database to include a full food menu ready for Beta Testing.
Update and run automated tests in the Staff Application	**Complete** - Jacob updated and ran all the automated Android tests within the Staff App. This included the following use-cases: Browse Menu, View Active Order, Fill Order, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory, Update Inventory, Deliver Order and Manage Staff. All tests passed upon update and being re-run.
Create Testing Manifest and update web server tests	**Complete** - Benn created a testing manifest and added all the test results for the Construction Phase. He also updated the web server tests and re-ran them before adding these results to the manifest. The testing manifest included the following tests and use-cases: Customer App (includes web server): Create User,

| | Login, Sign Out, Browse Menu, Fill Cart, Empty Cart, View Cart, Place Order (CCRD: Includes Pick Up & Delivery), View Order and View Account.

Staff App (includes web server): Manage Staff (Add & Delete Staff), Staff Login, View Active Order, Fill Order (CCRD), View Delivery, Deliver Order, Browse Menu, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory and Update Inventory.

Alpha Testing (UATs): UATs for Construction Iteration 1 - 6.

Deployment Testing: All of the above tests re-run (excluding the UATs) before the apps were deployed for Beta Testing. |
|---|---|
| Add testing results to dedicated test results website | **Complete** - Benn constructed a dedicated test results website using wix.com. Added all the HTML test result files for each test run during the Construction Phase, as well as embedding PDFs for the Alpha Testing (UATs). These results were also linked from the testing manifest for easier viewing of any of the tests we have run during the Construction Phase up to IOCM. |
| Run updated Postman web server tests before deployment | **Complete** - Benn re-ran both the Customer App and Staff App Postman test collections for 3 iterations each. Each test collection includes tests for every use-case associated with that app (as listed above or seen on the testing website). The web server as a whole passed all of the testing before deployment. |

7. Deviations / Ongoing Tasks:
Deviations from the iteration plan and tasks that carry over into the next iteration.

Key:
Ongoing - Remains incomplete and is carrying over into the next iteration.
Ongoing - Remains incomplete and is carrying over into the next iteration - but will be escalated and assessed/completed as a priority.
Postponed - Remains incomplete and was not started this iteration. Task will carry over to the next iteration.
Postponed - Remains incomplete and was not started this iteration. Task will carry over to the next iteration and be completed as a priority/will be escalated.
Reassigned - Job has been reassigned to a new team member.
Reassigned - Job has been reassigned to a new team member/members and has been prioritised/escalated.

Objective	Status
Write Beta Tests for Transition Phase	**Complete** - Jake and Jacob wrote the 1st round Beta Test surveys for the Customer and Staff Apps. **Ongoing** - 2nd round Beta test surveys are marked as incomplete, however this job shouldn't have been added to this iteration plan as the 2nd round tests rely on 1st round results to be written. This job carries over to the next iteration when we will receive 1st round results.

8. Additions:

Tasks that were added mid iteration.

Key:

Complete - Completed successfully this iteration.
Ongoing - Remains incomplete and is carrying over into the next iteration.

Ongoing - Remains incomplete and is carrying over into the next iteration - but will be escalated and assessed/completed as a priority.

Objective	Status
Update and Run Automated Tests in the Customer App	**Complete** - Benn updated and ran all the automated Android tests within the Customer App. This included the following use-cases: Create User, Login, Sign Out, Fill Cart, Empty Cart, Place Order, Book Delivery, View Order and View Account. All tests passed upon update and re-run.
Write UATs for contingency iteration testing	**Complete** - Benn wrote UATs for the following scenarios: Place Order/Fill Order, Help Menu and Privacy Policy.
Conduct contingency iteration UAT testing on UI updates and CCRD use-case	**Complete** - Contingency iteration UAT for the Place Order/Fill Order, Help Menu & Privacy Policy completed by all team members. Place Order/Fill Order tested the CCRD use-cases for both apps, the Help Menu scenario tested the links to the help video within the Customer App, while the Privacy Policy scenario tested that the Privacy Policy was displaying correctly when clicked on the Create User page of the Customer App.
Push the latest version of the local server up to the web server and update the database structure	**Complete** - Benn pushed the latest version of the local server up to the Beverage Booker web server. He also updated the 'items' table in the database to include a full food menu ready for Beta Testing.
Update and run automated tests in the Staff Application	**Complete** - Jacob updated and ran all the automated Android tests within the Staff App. This included the following use-cases: Browse Menu, View Active Order, Fill Order, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory, Update Inventory, Deliver Order and Manage Staff. All tests passed upon update and being re-run.
Create Testing Manifest and update web server tests	**Complete** - Benn created a testing manifest and added all the test results for the Construction Phase. He also updated the web server tests and re-ran them before adding these results to the manifest. The testing manifest included the following tests and

	use-cases:
	Customer App (includes web server): Create User, Login, Sign Out, Browse Menu, Fill Cart, Empty Cart, View Cart, Place Order (CCRD: Includes Pick Up & Delivery), View Order and View Account.
	Staff App (includes web server): Manage Staff (Add & Delete Staff), Staff Login, View Active Order, Fill Order (CCRD), View Delivery, Deliver Order, Browse Menu, Add Menu Item, Edit Menu Item, Delete Menu Item, View Inventory and Update Inventory.
	Alpha Testing (UATs): UATs for Construction Iteration 1 - 6.
	Deployment Testing: All of the above tests re-run (excluding the UATs) before the apps were deployed for Beta Testing.
Add testing results to dedicated test results website	**Complete** - Benn constructed a dedicated test results website using wix.com. Added all the HTML test result files for each test run during the Construction Phase, as well as embedding PDFs for the Alpha Testing (UATs). These results were also linked from the testing manifest for easier viewing of any of the tests we have run during the Construction Phase up to IOCM.
Run updated Postman web server tests before deployment	**Complete** - Benn re-ran both the Customer App and Staff App Postman test collections for 3 iterations each. Each test collection includes tests for every use-case associated with that app (as listed above or seen on the testing website). The web server as a whole passed all of the testing before deployment.

9. Risk Mitigation / Escalation

Tasks that require escalation or risk mitigation strategies.

Key:

Complete - Completed successfully this iteration.
Ongoing - Remains incomplete and will be addressed next iteration as a priority.

Risk	Status
No risk mitigation tasks required this iteration.	