Beverage Booker
Iteration Plan 7

1. Key milestones

Milestone	Date
Iteration start	10/10/20
Created list of beta fixes/updates from 1st round results	11/10/20
Fixed Fill Cart back-press on Browse Menu screen	13/10/20
Moved 'Special Requests' input field for Add to Cart screen	13/10/20
Fixed Sign Out issue with back-press (Customer App)	13/10/20
Fixed Create User toast message issue	14/10/20
Updated all toast messages in the Customer App	15/10/20
Spread Delivery Address input fields	15/10/20
Updated Stripe payment error messages so they are clearer	15/10/20
Updated all toast messages in the Staff App	16/10/20
Implemented change quantity method for Cart	17/10/20
Fixed Sign Out issue with back-press (Staff App)	17/10/20
Adjusted cafe menu so items are displayed alphabetically	18/10/20
Added allergy info to cafe menu	18/10/20
Iteration stop	18/10/20

2. High-level objectives

1. Discuss and analyse first round Beta Test results in meeting
   Outcome: Beta Test results have been analysed and a list of bugs to fix/jobs for this iteration has been compiled

2. Address Create User feedback from Beta Testing 1st round
   Outcome: Create User toast messages have been updated for size and clarity

3. Address Fill Cart feedback from Beta Testing 1st round
   Outcome: Issues related to the Browse Menu back-press, 'Special Requests' field location, allergy information, updating quantity in Cart, and the Cafe Menu being displayed alphabetically have all been resolved.

4. Address Book Delivery feedback from Beta Testing 1st round
   Outcome: Issues related to the Stripe payment error and the delivery address input screen layout have been resolved.

5. Address Sign Out feedback from Beta Testing 1st round
   Outcome: Issue related to the Sign Out back-press has been resolved.

6. Address Fill Order feedback from Beta Testing 1st round
   Outcome: Fill Order toast messages have been updated for size and clarity

7. Address Update Inventory feedback from Beta Testing 1st round
   Outcome: User manual instructions and the input field layout for Update Inventory have been updated

8. Address Staff Sign Out feedback from Beta Testing 1st round
   Outcome: Issue related to the Staff Sign Out back-press has been resolved.

9. Add updates to Customer/Staff App that were identified outside Beta Testing
   Outcome: Issues related to the Customer App toast messages, XML text fields for the Note 10, and the soft keyboard auto-opening on the Add to Cart screen have been resolved.

10. Write 2nd round beta test survey, with separation between yes & no response follow-up questions
    Outcome: 2nd round beta test surveys have been written for the Customer and Staff App.

11. Write UAT to test 1st round beta updates for Customer and Staff App
    Outcome: UAT is written to test the beta updates for the Customer and Staff App

12. Complete UAT for 1st round beta updates
    Outcome: Team members have completed a run through of the UAT for 1st round beta updates

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	Discuss and analyse first round Beta Test results in meeting	Analysed 1st round beta test results and compiled a list of jobs for the iteration.	**Complete**	Benn/ Jacob/ Emily	3	3	0
1.1	Discuss and analyse first round Beta Test results in meeting	Went over all the results for the first round of Beta Testing. Came up with a list of jobs for the iteration to address these issues before round 2 testing can commence.	**Complete**	Benn	1	1	0
1.2	Discuss and analyse first round Beta Test results in meeting	Went over all the results for the first round of Beta Testing. Came up with a list of jobs for the iteration to address these issues before round 2 testing can commence.	**Complete**	Jacob	1	1	0
1.3	Discuss and analyse first round Beta Test results in meeting	Went over all the results for the first round of Beta Testing. Came up with a list of jobs for the iteration to address these issues before round 2 testing can commence.	**Complete**	Emily	1	1	0
2.0	Address Create User feedback from Beta Testing 1st round	Updated the Create User toast messages so they are now colour coded to convey meaning. Also increased the text size.	**Complete**	Benn	1.5	1.5	0
2.1	Update account creation toast message to something clearer	Updated the account creation toast message using the Toasty library. Successful message is now on a green background with a larger font size. Message is also closer to the centre of the	**Complete**	Benn	0.5	0.5	0

		screen. Also updated error messages to red background.					
2.2	Research how to create custom toast messages and custom alert dialogs	Watched some Youtube tutorials on how to customise toast messages and alert dialogs so we can make our messages for the user clearer and easier to interpret.	**Complete**	Benn	1	1	0
3.0	Address Fill Cart feedback from Beta Testing 1st round	Resolved the Fill Cart feedback issues. This included: back-press on Browse Menu screen, 'special requests' field placement, allergy information, update item quantity in cart and the cafe menu being displayed alphabetically.	**Complete**	Benn	8.25	8	0
3.1	Update app so back press after adding an item to cart takes the user to the home menu	Back press on the Browse Menu screen now always takes the user to the Home screen (Primary Menu). Also added method so pressing back on Home screen or Welcome screen will display toast prompting user to press back again if they wish to exit the app. Second back press exits app.	**Complete**	Benn	0.5	0.75	0
3.2	Move 'special requests' section to a more suitable location	Moved the 'special requests' comment input field so it now sits below the menu item options and above the 'Need help?' clickable help video link. Also adjusted the input field so it is now white and rounded and is a bit clearer for the user.	**Complete**	Benn	0.5	0.25	0
3.3	Add allergy info to the cafe menu and adjust menu and cart layouts	Adjusted the menu layout so it is now displaying the description field. Made final adjustments to the cart layout. Updated the 'items' table in the database so applicable food items have 'Gluten Free', 'Dairy Free' or 'Vegan' as part of their description so the user can now see this information in the cafe menu.	**Complete**	Benn	2	1.75	0

3.4.1 3.4.2 3.4.3	Update cart to allow for quantity increase for food items	Quantity can now be changed in cart. At this point everything needed has been implemented in the Customer App. The server method at this stage handles a positive increase in quantity for a food item.	**Complete**	Benn`	4	4	0
3.5	Update cart to allow for quantity decrease for food items	Quantity for food items can now be decreased in the cart. The server method has been expanded to handle decreases in quantity, where it adjusts the cartTime and adds the difference in quantity back to the itemStock level.	**Complete**	Benn	0.5	0.5	0
3.6	Update cart to allow for increases and decrease in quantity for drink items	Quantity for drink items can now be increased and decreased in the cart. The server method successfully updates cartTime. No itemStock adjustments are required as the inventory only tracks food items.	**Complete**	Benn	0.5	0.5	0
3.7	Update cafe menu so items are displayed alphabetically	Updated the getItems method on the server so it now orders the items by name alphabetically.	**Complete**	Benn	0.25	0.25	0
4.0	Address Book Delivery feedback from Beta Testing 1st round	Resolved the Book Delivery feedback issues. This included the Stripe payment error message clarity and the delivery address input XML update.	**Complete**	Benn	4.5	4.75	0
4.1.1 4.1.2 4.1.3	Make Stripe error message clearer for user	Created a custom dialog for error messages. This should make things clearer as with a dialog it is not on a timer like a toast. Error message is colour coded red with a title for clarity. There are two error messages in the Place Order Activity, one for database errors and one for payment errors. Upon clicking OK the user is taken back to the main menu so they can try placing their order again with a new payment intent.	**Complete**	Benn	4	4.25	0

4.2	Spread delivery address input fields	Arranged address fields so they are stacked vertically with a left alignment. Also updated some textviews and set them to wrap content so they will display correctly on different phones.	**Complete**	Benn	0.5	0.5	0
5.0	Address Sign Out feedback from Beta Testing 1st round	Resolved the Sign Out issue so now a back-press on the Sign Out screen will not allow the user to re-enter the app without signing in.	**Complete**	Benn	0.25	0.25	0
5.1	Fix Sign Out issue where back press returns user to the app	Set flags for the sign out button on the menu bar so the activity history is cleared when a user signs out. Also added method so a double press on the back button will exit the user from the app on the Login screen.	**Complete**	Benn	0.25	0.25	0
6.0	Address Fill Order feedback from Beta Testing 1st round	Resolved the Fill Order feedback by making the toasts clearer for the user.	**Complete**	Jacob	2	3.5	0
6.1.1 6.1.2	Increase toast message size and clarity for staff app	All toast messages have been converted to toasty, allowing for larger and coloured toast messages to assist in understanding if operations succeed or not.	**Complete**	Jacob	2	3.5	0
7.0	Address Update Inventory feedback from Beta Testing 1st round	Not attempted. Ran out of time.	**Incomplete**	Emily	2	0	2
7.1	Update manual to include step by step instructions	Not attempted. Ran out of time.	**Incomplete**	Emily	2	0	2
8.0	Address Staff Sign Out feedback from Beta Testing 1st round	The Sign Out issue in the Staff App has been resolved.	**Complete**	Jake	2	1.5	0
8.1	Fix Sign Out issue where back press returns user to the app	Fixed the bug by making it so the staff id gets cleared when signing out and the logged in status is true when there is a valid staff id.	**Complete**	Jake	2	1.5	0
9.0	Add updates to Customer/Staff App that were identified outside Beta Testing	Issues in the Customer App that were identified outside beta testing have been resolved.	**Complete**	Benn	2.5	2	0

9.1	Update all the Customer App toast messages to use Toasty colour coding	Updated all the toast messages in the Customer App. All messages are now colour coded and the text size is larger.	**Complete**	Benn	1	1	0
9.2	Update Customer App XML files to fix Note 10 display issue	Updated textviews and buttons where the text was not displaying correctly for the Note 10. Set these to wrap content so this should fix the issue.	**Complete**	Benn	1	0.75	0
9.3	Update Customer App Add to Cart screen so soft keyboard doesn't open when activity starts	Updated the activity file onCreate method so the soft keyboard is set to stay hidden until the user touches the 'comment' edit text field.	**Complete**	Benn	0.5	0.25	0
10.0	Write 2nd round beta test survey, with separation between yes & no response followup questions	Feedback survey for the Customer App scenarios of Create User, Login and Edit Cart completed.	**Incomplete**	Emily	10	4	5
10.1	Register user	Get tester to register again to test task message feedback	**Complete**	Emily	1	1	0
10.2	Login - yes & no options	Login making sure that there is appropriate feedback	**Complete**	Emily	2	1.5	0
10.3	Edit cart	Test the edit cart item function alter the amount placed into cart	**Complete**	Emily	2	1.5	0
10.4	Book Delivery	Spacing of the address entry, feedback messages from stripe for purchases	**Incomplete**	Emily	1	0	1
10.5	Checkout	Required to proceed no specific questions	**Incomplete**	Emily	1	0	1
10.6	Staff - Login:logout check	Specific questions to test the logout function works	**Incomplete**	Emily	1	0	1
10.7	Staff - feedback message for completed tasks	Messages after completed tasks clearer	**Incomplete**	Emily	1	0	1
10.8	Staff - delivery process clarified	Message feedback for the delivery of an order	**Incomplete**	Emily	1	0	1
11.0	Write UAT to test 1st round beta updates for Customer and Staff App	UAT has been written for the Create User and Fill Cart scenarios.	**Incomplete**	Benn	4	2	2.5

11.1	Write scenarios of UAT to test Customer App updates	Script tests for the Create User and Fill Cart scenarios have been written. This job will carry over to the next iteration.	**Incomplete**	Benn	2	2	0.5
11.2	Write scenarios of UAT to test Staff App updates	Job not completed due to time constraints. This job will carry over to the next iteration.	**Incomplete**	Benn	2	0	2
12.0	Complete UAT for 1st round beta updates	The web server is now up to date with the latest changes. UAT has been completed for the Create User and Fill Cart test scenarios.	**Incomplete**	Benn	1.5	1	0.5
12.1	Update web server with latest changes	Updated the Beverage Booker web server with the latest changes made on the local server. This included the updates to the 'getItems' method and the 'updateCartItemQuantity' method that was implemented.	**Complete**	Benn	0.5	0.5	0
12.2	Complete UAT for beta updates	Completed the UAT for both the Create User and Fill Cart test scenarios. This job will carry over to the next iteration.	**Incomplete**	Benn	1	0.5	0.5

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	18/10/20
Participants	Benn Curby, Emily Carter, Jake Durnford and Jacob Kennedy
Project status	**Orange**/**Green** - some jobs remain incomplete

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
Discuss and analyse first round Beta Test results in meeting	**Complete** - Benn, Jacob and Emily held a meeting and discussed the first round beta test results. From this a list of jobs was created for the iteration plan.
Address Create User feedback from Beta Testing 1st round	**Complete** - Benn updated the Create User toast messages using an Android library called Toasty. Now the Create User toast messages are colour coded, with green messages for success scenarios and red for errors. Toast message text size was also increased.
Address Fill Cart feedback from Beta Testing 1st round	**Complete** - Benn addressed the issue of a back-press on the Browse Menu screen resulting in the user exiting the app. He implemented a back-press override method that sends the app to the Home screen upon the back button being pressed.

Complete - Benn addressed the feedback relating to the placement of the 'special requests' input field on the Add to Cart screen. To improve the layout based on the feedback he moved the field from the top of the screen and placed it below the menu item options and above the 'Add to Cart' button.

Complete - Benn updated the cafe menu to address the allergy information request from a beta tester. He added information to the 'description' menu item field, with applicable menu items having information such as 'Gluten Free', 'Dairy Free', 'Vegan', and 'Contains Nuts'.

Complete - Benn implemented a method for the ability to update the item quantity in the cart. To address this he added a quantity button, implemented a listener in the Cart Adapter, and also implemented a method on the server to process the quantity updates.

Complete - Benn updated the server 'getItems' |

	method to address the feedback of the cafe menu displaying items alphabetically.
Address Book Delivery feedback from Beta Testing 1st round	**Complete** - Benn updated the Stripe payment error messages. He replaced the error toast messages with a custom error dialog. This pop-up message is not set on a timer, so the user has enough time to read the error message, which isn't always the case with a 3 second toast. Upon clicking 'OK' on the message the app is redirected to the Home screen so the user can try placing their order again with a new payment intent.
Address Sign Out feedback from Beta Testing 1st round	**Complete** - Benn updated the Sign Out button method, so now flags are set upon clicking the button. This clears the browsing history of the app and removes the ability of being able to go back to the previous screen by pressing the back-button.
Address Fill Order feedback from Beta Testing 1st round	**Complete** - Jacob updated the Fill Order toast messages using the Toasty library. Messages are now green for success and red for an error. The text size has also been increased significantly so the messages are clear on a 10-inch tablet. **Complete** - As part of this job Jacob also updated all the other toast messages in the Staff App using the Toasty library.
Address Update Inventory feedback from Beta Testing 1st round	**Incomplete** - Emily did not get time to update the instructions for the Update Inventory use-case in the Staff user manual. This job will carry over to the next iteration. **Complete** - Benn updated the Update Inventory XML to increase the clarity for the user. The stock input field is now rounded and white like the other input fields in the app. To add contrast, the backing card that the input field is sitting on is now a light brown colour.
Address Staff Sign Out feedback from Beta Testing 1st round	**Complete** - Jake updated the Staff Sign Out method to address the back-press issue in the Staff App. He implemented a isLoggedIn method check in the menu bar, that checks for a true logged in status before starting the activity. The logged in staff member is also cleared from Shared Preferences local storage upon signing out.
Add updates to Customer/Staff App that were identified outside Beta Testing	**Complete** - Benn updated all the remaining Customer App toast messages using the Toasty library. As with the other use-cases, green messages for success messages, red for error messages, and blue for info

	messages. Text size has also been increased.
Write 2nd round beta test survey, with separation between yes & no response followup questions	**Complete** - Emily wrote the survey sections for Create User, Login and Edit Cart for the 2nd round beta tests. Questions are hidden or shown to a user dependent on yes/no responses in previous questions. **Incomplete** - Emily did not get time to complete the remaining sections for Book Delivery, Staff Login, Fill Order, Deliver Order and Update Inventory. Completing these sections will carry over to the next iteration.
Write UAT to test 1st round beta updates for Customer and Staff App	**Incomplete** - Benn did not complete the UAT scenarios for the Customer App. At the end of the iteration he had written the Create User and Fill Cart scenario test scripts. This job will carry over to the next iteration. **Incomplete** - Benn did not get to writing the Staff App scenarios for the beta updates UAT. This job will carry over to the next iteration.
Complete UAT for 1st round beta updates	**Incomplete** - Benn completed the UAT up until the scenario he had written (completed Create User and Fill Cart). The remaining tests will be completed once they are written in the next iteration.

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
Address Update Inventory feedback from Beta Testing 1st round	**Ongoing** - Emily did not get time to update the instructions for the Update Inventory use-case in the Staff user manual. This job will carry over to the next iteration.
Write 2nd round beta test survey, with separation between yes & no response followup questions	**Ongoing** - Emily did not get time to complete the remaining sections for Book Delivery, Staff Login, Fill Order, Deliver Order and Update Inventory. Completing these sections will carry over to the next iteration.
Write UAT to test 1st round beta updates for Customer and Staff App	**Ongoing** - Benn did not complete the UAT scenarios for the Customer App. At the end of the iteration he had written the Create User and Fill Cart scenario test scripts. This job will carry over to the next iteration. **Ongoing** - Benn did not get to writing the Staff App scenarios for the beta updates UAT. This job will carry over to the next iteration.
Complete UAT for 1st round beta updates	**Ongoing** - Benn completed the UAT up until the scenario he had written (completed Create User and Fill Cart). The remaining tests will be completed once they are written in the next iteration.

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
Write UAT to test 1st round beta updates for Customer and Staff App	**Ongoing** - Benn did not complete the UAT scenarios for the Customer App. At the end of the iteration he had written the Create User and Fill Cart scenario test scripts. This job will carry over to the next iteration. **Ongoing** - Benn did not get to writing the Staff App scenarios for the beta updates UAT. This job will carry over to the next iteration.
Complete UAT for 1st round beta updates	**Ongoing** - Benn completed the UAT up until the scenario he had written (completed Create User and Fill Cart). The remaining tests will be completed once they are written in the next iteration.

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.	