

Beverage Booker	
Iteration Plan 1	Date: 16/MAR/20

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1. Key milestones

Milestone	Date
Iteration start	16/03/2020
Contact potential sponsor	20/03/2020
Admin Roster completed	21/03/2020
Use case descriptions completed	28/03/2020
Initial Use case model completed	29/03/2020
NFR Checklist completed	29/03/2020
NFR Specification document completed	29/03/2020
Initial Project Vision document completed	29/03/2020
Candidate Architecture analysis completed	29/03/2020
Initial Risk List completed	29/03/2020
Iteration stop	29/03/2020

2. High-level objectives

- Find a sponsor for the project
Outcome: Prospective sponsor has been contacted and has agreed/disagreed to work with us on the project. If agreed upon contact details such as an email address for contact have been obtained.
- Define initial use case model and identify initial core use cases (due 26/03)
Outcome: Completed use case diagrams for initial core use cases
- Complete preliminary non-functional requirement analysis
Outcome: Preliminary draft of the Non-Functional Requirements Specification completed
- Establish vision for the project (depends on 2, 3)
Outcome: Preliminary draft of the Vision Document completed
- Identify/document candidate architecture (depends on 3)
Outcome: Completed list of identified architecture along with analysis of strengths/weaknesses
- Define initial data model
Outcome: Initial domain model has been completed
- Establish risk list
Outcome: An initial risk list has been created and some early identified risks have been added
- Define admin roster for meetings and other tasks each week, update team charter
Outcome: Roster list has been created and agreed upon, with amendments added to the team charter

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3. Work Item assignments

The following Work Items will be addressed in this iteration:

Work Item ID	Name or key words of description	Outcome	State	Assigned to (name)	Estimate d Hours	Hours worked	Estimate of hours remaining
1.1	Contact CSU campus cafe about becoming project sponsor	The sponsor did not respond and because of time restraints we will assume this is a decline.	Complete	Jake	1	1	0
2.1	Read applicable sections of Systems textbook and create a summary of use case analysis for the team	A summary of Chapter 3 of the Systems Analysis textbook was created. This summary covered use cases and the techniques used by systems analysts for defining them.	Complete	Benn	4	4	0
2.2	Establish preliminary draft of use cases	Short use-case descriptions completed along with 17 draft full-use case descriptions. (Full use-case links in following table p.4)	Complete	Benn	4	12	0
2.3	Complete initial use case models	Completed an overall use case model of the system but did not complete smaller subsystem models. The subsystem models will be carried over to the next iteration.	Incomplete	Benn	4	3	3
3.11 3.12	Read applicable sections of Systems textbook and create a summary of how requirements are acquired	A summary of 2 areas of different chapters were made to assist in understanding collection of NFR and Vision.	Complete	Jacob	4	2	0
3.21 3.22	Using NFR Checklist, complete preliminary draft of the NFRS document	A preliminary draft of the NFR Checklist and NFR Specification document was completed.	Complete	Jacob	4	10.5	0
4.1	Complete first draft of the Vision template	An initial draft of the Project Vision was completed.	Complete	Jacob	4	3	0
5.1	Conduct own research and identify possible candidate architectures	Research completed and three candidate architectures identified: Client/Server, Three-Layer, and the Microservices architecture.	Complete	Jake	3	6	0

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5.2	Create a summary document of each candidate architecture	Summary document of architectures completed.	Complete	Jake	4	1.5	0
5.3	Complete an analysis of the candidate architectures, with comparison of potential strengths/weaknesses	Strengths and weaknesses of each architecture identified, along with a recommendation of suitable architecture.	Complete	Jake	4	1.5	0
6.1	Read applicable sections of Systems textbook (or other text on data models) and create a summary of data models for the team	A brief summary of domain models was compiled to assist in reading/understanding the models created	Complete	Emily	4	3	0
6.2	Conduct initial analysis of the problem requirements for the data model	The initial problem domain was assessed for the required domain models	Complete	Emily	4	2	0
6.3	Define initial domain model for the project	The diagrams for customer sales and customer accounts were made.	Incomplete	Emily	4	6	1
7.1	Establish risk list and add any identified risks	A first draft of the identified risks was completed	Complete	Benn	1	1	0
8.1	Create roster for admin roles each iteration	A brief roster of the 3 main admin roles was created for the remainder of the semester	Complete	Emily	0.5	0.2	0

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2.2 Job Outcomes	
Short Use-Case Descriptions	
Full Use-Case Descriptions	
User	Use Case
Customer	Search Menu Fill Cart Empty Cart Place an Order Book a Table Book an Event Create Account Sign In
Cafe Staff	View Active Order Fill Order Delete Table Booking Search Table Bookings
Cafe Manager	Add Menu Item Delete Menu Item Edit Menu Item Delete an Event Edit an Event

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4. Issues

Issue	Status	Notes
Sponsor candidate did not reply to initial communication about our project.	Resolved	Team made the collective decision to move ahead without a sponsor. Requirements will be identified through role playing exercises.
Slow start to the iteration, with many jobs being completed at the back end.	Pending	Many jobs were still being completed on the last day of iteration. Team met the following night and committed to meeting on Sunday night at the end of each iteration from here forward. Checking of jobs and the next iteration plan will ideally be completed at this meeting which should address our slow start.

5. Assessment

Assessment target	To complete all assigned jobs by the end of the iteration.
Assessment date	30/3/20
Participants	Benn Curby, Emily Carter, Jake Durnford, Jacob Kennedy
Project status	Yellow - most jobs completed but a couple have carried over

Assessment against objectives:

Objective	Status
1. Find a sponsor for the project	Not met - Contacted but have failed to respond to initial enquiry.
2. Define initial use case model and identify initial core use cases	Not met - Some requirements completed but remaining to carry over to the next iteration.
3. Complete preliminary non-functional requirement analysis	Met
4. Establish vision for the project	Met
5. Identify/document candidate architecture	Met
6. Define initial data model	Not Met - Some requirements completed but remaining to carry over to the next iteration.

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7. Establish risk list	Met
8. Define admin roster for meetings and other tasks each week, update team charter	Met

Assessment against Evaluation Criteria Test results:

Evaluation Criteria	Status Summary
1. Prospective sponsor has been contacted and has agreed/disagreed to work with us on the project. If agreed upon contact details such as an email address for contact have been obtained.	Completed - Sponsor was contacted by phone and then subsequent contact was made by email. Expressed interest in the project, but then did not get back to Jake. Understandable given the current closure of the campus. Group has moved ahead with roleplaying and brainstorming methods to identify requirements.
2. Completed use case diagrams for initial core use cases	Incomplete - Initial use case model completed for overall system but smaller use case models for each subsystems we not completed. Initial full use-case descriptions were completed. Time spent on the full use-case descriptions blew out substantially, and combined with a slow start to the iteration meant not all diagrams were completed as hoped. Subsystem diagrams will carry over to the next iteration and a quicker start to this iteration should address this.
3. Complete preliminary non-functional requirement analysis	Completed - A preliminary draft of NFR Specification was completed along with the NFR checklist document.
4. Preliminary draft of the Vision Document completed	Completed - A preliminary draft of the Vision document was completed.
5. Completed list of identified architecture along with analysis of strengths/weaknesses	Completed - Candidate architectures have been documented. Three were identified: Client/Server, Three-Layer, and the Microservices architecture. An analysis was conducted along with a summary recommendation from findings.
6. Initial domain model has been completed	Incomplete - The diagrams for customer sales and customer accounts were completed. Remaining subsystems are to be completed next iteration. The slow start by the team and knock on effect of this impacted what could be completed this iteration. Again, a quicker start to the iteration by the team should address this.

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7. An initial risk list has been created and some early identified risks have been added	Complete - Initial risk list has been created and some early risks have been identified. Should be noted that this was assigned to Benn but ended up being completed with Emily's help.
8. Roster list has been created and agreed upon, with amendments added to the team charter	Complete - A roster for the admin roles each iteration was completed, along with some amendments to the team charter as per Jim's recommendations from the oversight meeting.