

Internal Project Plan

Hubba

Version 1.0

Prepared By: Development Hell

Class: CECS 491A-04

Date: 10/5/2022

Github Repository:

<https://github.com/DevelopmentHellaHell/SeniorProject>

Team Leader

Kevin Dinh

Members

Garrett Tsumaki

Bryan Tran

Jett Sonoda

Tien Nguyen

Darius Koroni

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Version History

Version	Overview	Date
v1.0	Initial Internal Project Plan	October 5, 2022

Overview

This document's purpose is to provide a greater level of detail for the timeline established in Hubba RFP v1.4 to the team and stakeholders as well as other deliverables for external sources. Included in this document are deliverables mentioned in Hubba RFP v1.4 and other documents necessary to the development of our application. Each work item includes specific start and end dates of work items per sprint. It outlines the order that these features will be researched, designed, and implemented based on dependencies, complexity, and team capacity. Additional details include a primary assignee tasked to each deliverable to inform the team and stakeholders who will be working certain features as well as being held accountable for the delivery. While these deliverables are to be delivered during different phases, all team members are tasked with work items each sprint, regardless of when their deliverable is due.

Risk Categories

Risk Level	Description
Mild	The team has little to no concern about not being able to complete the work on time in the case of seen and unforeseen circumstances.
Moderate	The team has little concern about not being able to complete the work on time in the case of unforeseen circumstances.
Severe	The team is very concerned about not being able to complete the work on time in the case of unforeseen circumstances.
Extreme	The team is very concerned about not being able to complete the work on time in the case of seen and unforeseen circumstances.

Project Plan

This section is broken down into phases for our application development. Risk levels are displayed per phase as well as mitigation procedures to lead towards a successful release of our application. Each table of each phase will only display one team member with sprint-to-sprint work items. Mentioned during certain phases' risk mitigation methods, work items per phase are not limited to that phase's deliverables.

**Note that the tables displayed below are bound to change based on unforeseen circumstances, completion, client feedback, etc.*

Phase 1 (August 28, 2022 - October 5, 2022)

Milestone 1 deliverables will be delivered by the end of this phase.

These deliverables include:

- Business Requirements Document
- Project Plan
- High-level Design Document

**Note that October 6, 2022 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to delays in the project proposal and external sources, we perceive Phase 1 of Hubba as an extreme risk level.

The team plans to mitigate this risk through two strategies:

1. We will have shorter sprints to push for work items to be completed in a shorter time frame. Holding shorter sprints means team members will need to work at a constant rate and not procrastinate to keep up with the amount of work.
2. We will work over our standard capacity. By working over our standard capacity and staying on-task, the team will output more work than normal.

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Internal Project Plan

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 3 2022							Quarter 4 2022																			
						S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Jett Sonoda	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																											
Jett Sonoda	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																											
Jett Sonoda	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																											
Jett Sonoda	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																											
Jett Sonoda	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																											
Jett Sonoda	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																											
Jett Sonoda	Project Proposal	Rent RFP v1.3	10/1/2022	10/1/2022	1																											
Jett Sonoda	Project Proposal	Rent RFP v1.4	10/1/2022	10/1/2022	1																											
Jett Sonoda	Milestone 1	Project Plan	9/26/2022	9/29/2022	4																											
Jett Sonoda	Milestone 1	Project Plan	9/30/2022	10/1/2022	2																											
Jett Sonoda	Milestone 1	Project Plan	10/2/2022	10/5/2022	4																											
Jett Sonoda	Milestone 1	High-level Design Document	10/2/2022	10/3/2022	2																											
Jett Sonoda	Milestone 1	High-level Design Document	10/4/2022	10/5/2022	2																											
Jett Sonoda	Milestone 1	Business Requirements Document	10/2/2022	10/5/2022	4																											

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 3 2022							Quarter 4 2022																			
						S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Kevin Dinh	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																											
Kevin Dinh	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																											
Kevin Dinh	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																											
Kevin Dinh	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																											
Kevin Dinh	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																											
Kevin Dinh	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																											
Kevin Dinh	Milestone 1	Business Requirements Document	9/26/2022	10/1/2022	6																											
Kevin Dinh	Milestone 1	Business Requirements Document	10/2/2022	10/5/2022	4																											
Kevin Dinh	Milestone 1	High-level Design Document	9/30/2022	10/2/2022	3																											
Kevin Dinh	Milestone 1	High-level Design Document	10/3/2022	10/5/2022	3																											
Kevin Dinh	Milestone 1	Project Plan	10/3/2022	10/5/2022	3																											

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Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 3 2022							Quarter 4 2022													
						Sprint 0				Sprint 1			Sprint 2				Sprint 3			Sprint 4						
S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Bryan Tran	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																					
Bryan Tran	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																					
Bryan Tran	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																					
Bryan Tran	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																					
Bryan Tran	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																					
Bryan Tran	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																					
Bryan Tran	Project Proposal	Rent RFP v1.3	10/1/2022	10/1/2022	1																					
Bryan Tran	Project Proposal	Rent RFP v1.4	10/1/2022	10/1/2022	1																					
Bryan Tran	Milestone 1	Business Requirements Document	9/26/2022	9/30/2022	5																					
Bryan Tran	Milestone 1	Business Requirements Document	10/1/2022	10/3/2022	3																					
Bryan Tran	Milestone 1	Business Requirements Document	10/4/2022	10/5/2022	2																					
Bryan Tran	Milestone 1	High-level Design Document	10/1/2022	10/5/2022	5																					
Bryan Tran	Milestone 1	Project Plan	10/3/2022	10/5/2022	3																					
Darius Koroni	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																					
Darius Koroni	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																					
Darius Koroni	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																					
Darius Koroni	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																					
Darius Koroni	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																					
Darius Koroni	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																					
Darius Koroni	Project Proposal	Rent RFP v1.3	10/1/2022	10/2/2022	2																					
Darius Koroni	Milestone 1	Business Requirements Document	9/26/2022	9/30/2022	5																					
Darius Koroni	Milestone 1	Business Requirements Document	10/1/2022	10/3/2022	3																					
Darius Koroni	Milestone 1	Business Requirements Document	10/4/2022	10/5/2022	2																					
Darius Koroni	Milestone 1	High-level Design Document	9/30/2022	10/2/2022	3																					
Darius Koroni	Milestone 1	High-level Design Document	10/3/2022	10/5/2022	3																					
Darius Koroni	Milestone 1	Project Plan	10/3/2022	10/5/2022	3																					
Tien Nguyen	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																					
Tien Nguyen	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																					
Tien Nguyen	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																					
Tien Nguyen	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																					
Tien Nguyen	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																					
Tien Nguyen	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																					
Tien Nguyen	Milestone 1	Business Requirements Document	9/30/2022	10/1/2022	2																					
Tien Nguyen	Milestone 1	Business Requirements Document	10/2/2022	10/3/2022	2																					
Tien Nguyen	Milestone 1	Business Requirements Document	10/4/2022	10/5/2022	2																					
Tien Nguyen	Milestone 1	High-level Design Document	10/3/2022	10/5/2022	3																					
Tien Nguyen	Milestone 1	Project Plan	10/3/2022	10/5/2022	3																					

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Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 3 2022												Quarter 4 2022													
						S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th
Garrett Tsumaki	Project Proposal	TrainE RFP v1	8/28/2022	9/6/2022	10																										
Garrett Tsumaki	Project Proposal	TrainE RFP v2	9/13/2022	9/19/2022	7																										
Garrett Tsumaki	Project Proposal	TrainE RFP v3	9/19/2022	9/20/2022	2																										
Garrett Tsumaki	Project Proposal	Rent RFP v1.0	9/21/2022	9/23/2022	3																										
Garrett Tsumaki	Project Proposal	Rent RFP v1.1	9/26/2022	9/27/2022	2																										
Garrett Tsumaki	Project Proposal	Rent RFP v1.2	9/28/2022	9/28/2022	1																										
Garrett Tsumaki	Milestone 1	Business Requirements Document	9/26/2022	10/3/2022	8																										
Garrett Tsumaki	Milestone 1	Business Requirements Document	9/26/2022	10/2/2022	7																										
Garrett Tsumaki	Milestone 1	Business Requirements Document	10/4/2022	10/5/2022	2																										
Garrett Tsumaki	Milestone 1	High-level Design Document	10/3/2022	10/5/2022	3																										
Garrett Tsumaki	Milestone 1	Project Plan	10/3/2022	10/5/2022	3																										

Phase 2 (October 6, 2022 - November 9, 2022)

Milestone 2 deliverables will be delivered by the end of this phase.

These deliverables include:

- Low-level Design document
- Network Diagram
- Registration
- Logging

**Note that November 10, 2022 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to planned client feedback, unknowns for certain features that team members will encounter, and unanticipated time off of team members, we perceive the risk level of Phase 2 for Hubba as moderate.

The team plans to mitigate this risk through two strategies:

1. We will hold a research sprint at the start of Phase 2 in order to prepare for any technological inexperience. This will provide the team better resources to eliminate as many unknowns for their tasked assignments as well as better gauge their effort needed per sprint.
2. We have tasked certain team members with supporting primary assignees and their features. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off from the primary assignee.

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022												Print				
						Sprint 4				Sprint 5				Sprint 6				Sprint 7				
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	Print	
Jett Sonoda	N/A	Research Technology	10/6/2022	10/12/2022	7																11/10/2022	
Jett Sonoda	Milestone 2	Low-level Design Document	10/13/2022	10/19/2022	7																11/9/2022	
Jett Sonoda	Milestone 2	Low-level Design Document	10/20/2022	10/26/2022	7																11/10/2022	
Jett Sonoda	Milestone 2	Low-level Design Document	10/27/2022	11/2/2022	7																11/9/2022	
Jett Sonoda	Milestone 2	Low-level Design Document	11/3/2022	11/9/2022	7																11/9/2022	
Jett Sonoda	Milestone 2	Registration	10/27/2022	10/29/2022	3																11/9/2022	
Jett Sonoda	Milestone 2	Registration	10/30/2022	11/2/2022	4																11/9/2022	
Jett Sonoda	Milestone 2	Logging	10/27/2022	10/29/2022	3																11/9/2022	
Jett Sonoda	Milestone 2	Logging	10/30/2022	11/2/2022	4																11/9/2022	
Jett Sonoda	Milestone 2	Network Diagram	10/27/2022	11/2/2022	7																11/9/2022	
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022												Print				
						Sprint 4				Sprint 5				Sprint 6				Sprint 7				
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	Print	
Kevin Dinh	N/A	Research Technology	10/6/2022	10/12/2022	7																11/10/2022	
Kevin Dinh	Milestone 2	Network Diagram	10/13/2022	10/19/2022	7																11/9/2022	
Kevin Dinh	Milestone 2	Network Diagram	10/20/2022	11/2/2022	14																11/9/2022	
Kevin Dinh	Milestone 2	Network Diagram	11/3/2022	11/9/2022	7																11/9/2022	
Kevin Dinh	Milestone 2	Low-level Design Document	10/31/2022	11/2/2022	3																11/9/2022	
Kevin Dinh	Milestone 2	Registration	10/27/2022	10/30/2022	4																11/9/2022	
Kevin Dinh	Milestone 2	Registration	10/31/2022	11/2/2022	3																11/9/2022	
Kevin Dinh	Milestone 2	Logging	10/27/2022	10/30/2022	4																11/9/2022	
Kevin Dinh	Milestone 2	Logging	10/31/2022	11/2/2022	3																11/9/2022	

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Internal Project Plan

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Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022																																			
						Sprint 4							Sprint 5							Sprint 6							Sprint 7							Sprint 8							Print
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th							
Garrett Tsumaki	N/A	Research Technology	10/6/2022	10/12/2022	7																												11/4/2022								
Garrett Tsumaki	Milestone 2	Logging	10/13/2022	10/15/2022	3																												11/8/2022								
Garrett Tsumaki	Milestone 2	Logging	10/16/2022	10/19/2022	4																												11/7/2022								
Garrett Tsumaki	Milestone 2	Logging	10/20/2022	10/22/2022	3																												11/6/2022								
Garrett Tsumaki	Milestone 2	Logging	10/23/2022	10/26/2022	4																												11/5/2022								
Garrett Tsumaki	Milestone 2	Logging	10/27/2022	11/2/2022	7																												11/4/2022								
Garrett Tsumaki	Milestone 2	Logging	11/3/2022	11/9/2022	7																												11/9/2022								
Garrett Tsumaki	Milestone 2	Network Diagram	10/27/2022	11/2/2022	7																												Review Network Diagram								
Garrett Tsumaki	Milestone 2	Low-level Design Document	10/31/2022	11/2/2022	3																												Review LL Design Document								
Garrett Tsumaki	Milestone 2	Registration	10/27/2022	10/30/2022	4																												Review Registration Design								
Garrett Tsumaki	Milestone 2	Registration	10/31/2022	11/2/2022	3																												Review Registration Code								

Phase 3 (November 10, 2022 - December 12, 2022)

Milestone 3 deliverables will be delivered by the end of this phase.

These deliverables include:

- Authentication
- Authorization
- Account Recovery
- Bill of Materials

**Note that December 13, 2022 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to planned client feedback, unknowns for certain features that team members will encounter, holidays, and unanticipated time off of team members, we perceive the risk level of Phase 3 for Hubba as moderate.

The team plans to mitigate this risk through two strategies:

1. We will hold a research sprint at the start of Phase 3 in order to prepare for any technological inexperience. This will provide the team better resources to eliminate as many unknowns for their tasked assignments as well as better gauge their effort needed per sprint.
2. We have tasked certain team members with supporting primary assignees and their features. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off from the primary assignee.

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022												Quarter B									
						Sprint 9			Sprint 10			Sprint 11			Sprint 12			Sprint 13			12/1/13/2022						
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu		
Jett Sonoda	N/A	Research Technology	11/10/2022	11/16/2022	7																						
Jett Sonoda	Milestone 3	Account Recovery	11/17/2022	11/19/2022	3																						
Jett Sonoda	Milestone 3	Account Recovery	11/21/2022	11/23/2022	3																						
Jett Sonoda	Milestone 3	Account Recovery	11/24/2022	11/26/2022	3																						
Jett Sonoda	Milestone 3	Account Recovery	11/27/2022	11/30/2022	4																						
Jett Sonoda	Milestone 3	Account Recovery	12/1/2022	12/4/2022	4																						
Jett Sonoda	Milestone 3	Account Recovery	12/5/2022	12/7/2022	3																						
Jett Sonoda	Milestone 3	Account Recovery	12/8/2022	12/12/2022	5																						
Jett Sonoda	Milestone 3	Bill of Materials	12/1/2022	12/3/2022	3																						
Jett Sonoda	Milestone 3	Bill of Materials	12/4/2022	12/7/2022	4																						
Jett Sonoda	Milestone 3	Bill of Materials	12/8/2022	12/12/2022	5																						
Jett Sonoda	Milestone 3	Authentication	12/1/2022	12/3/2022	3																						
Jett Sonoda	Milestone 3	Authentication	12/4/2022	12/7/2022	4																						
Jett Sonoda	Milestone 3	Authorization	12/1/2022	12/3/2022	3																						
Jett Sonoda	Milestone 3	Authorization	12/4/2022	12/7/2022	4																						

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022												Quarter B								
						Sprint 9			Sprint 10			Sprint 11			Sprint 12			Sprint 13			12/1/3/2022					
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	Sa	S	M	Tu		
Kevin Dinh	N/A	Research Technology	11/10/2022	11/16/2022	7																					
Kevin Dinh	Milestone 3	Authentication	11/17/2022	11/19/2022	3																					
Kevin Dinh	Milestone 3	Authentication	11/20/2022	11/23/2022	4																					
Kevin Dinh	Milestone 3	Authentication	11/24/2022	11/26/2022	3																					
Kevin Dinh	Milestone 3	Authentication	11/27/2022	11/30/2022	4																					
Kevin Dinh	Milestone 3	Authentication	12/1/2022	12/7/2022	7																					
Kevin Dinh	Milestone 3	Account Recovery	12/1/2022	12/3/2022	3																					
Kevin Dinh	Milestone 3	Account Recovery	12/4/2022	12/7/2022	4																					
Kevin Dinh	Milestone 3	Authorization	12/1/2022	12/3/2022	3																					
Kevin Dinh	Milestone 3	Authorization	12/4/2022	12/7/2022	4																					
Kevin Dinh	Milestone 3	Bill of Materials	12/6/2022	12/7/2022	2																					
Kevin Dinh	Milestone 3	Support Milestone 3	12/8/2022	12/12/2022	5																					

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Internal Project Plan

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Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 4 2022												Sprint 13			Ter B	
						Sprint 9				Sprint 10				Sprint 11				Sprint 12				12/1/2022
						Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	12/13/2022	
Tien Nguyen	N/A	Research Technology	11/10/2022	11/16/2022	7																	
Tien Nguyen	Milestone 3	Authorization	11/17/2022	11/19/2022	3																	
Tien Nguyen	Milestone 3	Authorization	11/20/2022	11/23/2022	4																	
Tien Nguyen	Milestone 3	Authorization	11/24/2022	11/26/2022	3																	
Tien Nguyen	Milestone 3	Authorization	11/27/2022	11/30/2022	4																	
Tien Nguyen	Milestone 3	Authorization	12/1/2022	12/7/2022	7																	Support implementation of design
Tien Nguyen	Milestone 3	Account Recovery	12/1/2022	12/3/2022	3																	Review Account Recovery Design
Tien Nguyen	Milestone 3	Account Recovery	12/4/2022	12/7/2022	4																	Review Account Recovery Code
Tien Nguyen	Milestone 3	Authentication	12/1/2022	12/3/2022	3																	Review AuthenticationDesign
Tien Nguyen	Milestone 3	Authentication	12/4/2022	12/7/2022	4																	Review Authentication Code
Tien Nguyen	Milestone 3	Bill of Materials	12/6/2022	12/7/2022	2																	Review Bill of Materials
Tien Nguyen	Milestone 3	Support Milestone 3	12/8/2022	12/12/2022	5																	Support any remaining stories

Phase 4 (January 19, 2023 - February 28, 2023)

Milestone 4 deliverables will be delivered by the end of this phase.

These deliverables include:

- Website Framework
- Notification System

**Note that March 1, 2023 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to unknowns for certain features that team members will encounter and unanticipated time off of team members, we perceive the risk level of Phase 4 for Hubba as moderate.

The team plans to mitigate this risk through two strategies:

1. We will hold a research sprint at the start of Phase 4 in order to prepare for any technological inexperience. This will provide the team better resources to eliminate as many unknowns for their tasked assignments as well as better gauge their effort needed per sprint.
2. We have tasked certain team members with supporting primary assignees and their features. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off from the primary assignee.

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Internal Project Plan

Team Members' Planned Activities

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Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023							Print									
						Sprint 14		Sprint 15		Sprint 16		Sprint 17		Sprint 18		Sprint 19						
Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W		
Darius Koroni	N/A	Research Technology	1/19/2023	1/25/2023	7																	
Darius Koroni	Milestone 5	Account System	1/26/2023	2/1/2023	7																	
Darius Koroni	Milestone 5	Account System	2/2/2023	2/8/2023	7																	
Darius Koroni	Milestone 5	Account System	2/9/2023	2/15/2023	7																	
Darius Koroni	Milestone 5	Account System	2/16/2023	2/22/2023	7																	
Darius Koroni	Milestone 5	Account System	2/23/2023	2/28/2023	6																	
Quarter 2 2023																						
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Print		
Tien Nguyen	N/A	Research Technology	1/19/2023	2/1/2023	14																	
Tien Nguyen	Milestone 4	Website Framework	2/2/2023	2/8/2023	7																	
Tien Nguyen	Milestone 4	Website Framework	2/9/2023	2/15/2023	7																	
Tien Nguyen	Milestone 4	Website Framework	2/16/2023	2/22/2023	7																	
Tien Nguyen	Milestone 4	Website Framework	2/23/2023	2/28/2023	6																	
Tien Nguyen	Milestone 4	Notification System	2/9/2023	2/11/2023	3																	
Tien Nguyen	Milestone 4	Notification System	2/12/2023	2/15/2023	4																	
Tien Nguyen	Milestone 4	Notification System	2/16/2023	2/22/2023	7																	
Quarter 3 2023																						
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Print		
Garrett Tsumaki	N/A	Research Technology	1/19/2023	1/25/2023	7																	
Garrett Tsumaki	Milestone 4	Website Framework	2/12/2023	2/15/2023	4																	
Garrett Tsumaki	Milestone 4	Website Framework	2/16/2023	2/22/2023	7																	
Garrett Tsumaki	Milestone 4	Notification System	2/9/2023	2/11/2023	3																	
Garrett Tsumaki	Milestone 4	Notification System	2/12/2023	2/15/2023	4																	
Garrett Tsumaki	Milestone 4	Notification System	2/16/2023	2/22/2023	7																	
Garrett Tsumaki	Milestone 4	Support Milestone 4	2/23/2023	2/28/2023	6																	

Phase 5 (March 1, 2023 - March 31, 2023)

Milestone 5 deliverable will be delivered by the end of this phase.

This deliverable is the Account System.

**Note that April 1, 2023 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to planned client feedback, unknowns for this feature that team members will encounter, very limited support, and unanticipated time off of team members, we perceive the risk level of Phase 5 for Hubba as extreme.

The team plans to mitigate this risk through two strategies:

1. This deliverable will be started in Phase 4 to give more time to the primary assignee and will be provided support during Phase 4 because of the limited support and capacity of the team in Phase 5 for preparation of future deliverables.
2. We have tasked remaining team members with supporting primary assignees and their features. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off or higher required effort needed from the primary assignee.

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023												Quarter 2 2023											
						Sprint 20				Sprint 21				Sprint 22				Sprint 23				Sprint 24				Sprint 25			
						W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th><th>M</th><th>Tu</th><th>W</th><th>Th<th>Sa</th><th>S</th></th></th>	F	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th></th>	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th>	Sa	S
Jett Sonoda	N/A	Research Technology	3/1/2023	3/3/2023	3																								
Jett Sonoda	Milestone 6	Listing Profile System	3/4/2023	3/8/2023	5																								
Jett Sonoda	Milestone 6	Listing Profile System	3/9/2023	3/15/2023	7																								
Jett Sonoda	Milestone 6	Listing Profile System	3/16/2023	3/22/2023	7																								
Jett Sonoda	Milestone 6	Listing Profile System	3/23/2023	3/31/2023	9																								

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023												Quarter 2 2023											
						Sprint 20				Sprint 21				Sprint 22				Sprint 23				Sprint 24				Sprint 25			
						W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th><th>M</th><th>Tu</th><th>W</th><th>Th<th>Sa</th><th>S</th></th></th>	F	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th></th>	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th>	Sa	S
Kevin Dinh	Milestone 5	Account System	3/1/2023	3/8/2023	8																								
Kevin Dinh	Milestone 5	Account System	3/9/2023	3/15/2023	7																								
Kevin Dinh	Milestone 5	Account System	3/16/2023	3/22/2023	7																								
Kevin Dinh	Milestone 5	Support Milestone 5	3/23/2023	3/31/2023	9																								

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023												Quarter 2 2023											
						Sprint 20				Sprint 21				Sprint 22				Sprint 23				Sprint 24				Sprint 25			
						W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th><th>M</th><th>Tu</th><th>W</th><th>Th<th>Sa</th><th>S</th></th></th>	F	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th></th>	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th>	Sa	S
Bryan Tran	N/A	Research Technology	3/1/2023	3/3/2023	3																								
Bryan Tran	Milestone 6	Discovery System	3/4/2023	3/8/2023	5																								
Bryan Tran	Milestone 6	Discovery System	3/9/2023	3/15/2023	7																								
Bryan Tran	Milestone 6	Discovery System	3/16/2023	3/22/2023	7																								
Bryan Tran	Milestone 6	Discovery System	3/23/2023	3/31/2023	9																								

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023												Quarter 2 2023											
						Sprint 20				Sprint 21				Sprint 22				Sprint 23				Sprint 24				Sprint 25			
						W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th><th>M</th><th>Tu</th><th>W</th><th>Th<th>Sa</th><th>S</th></th></th>	F	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th<th>Sa</th><th>S</th></th>	Sa	S	M	Tu	W	Th <th>Sa</th> <th>S</th>	Sa	S
Darius Koroni	Milestone 5	Account System	3/1/2023	3/8/2023	8																								
Darius Koroni	Milestone 5	Account System	3/9/2023	3/15/2023	7																								
Darius Koroni	Milestone 5	Account System	3/16/2023	3/22/2023	7																								
Darius Koroni	Milestone 5	Account System	3/23/2023	3/31/2023	9																								

Development Hell

Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 1 2023							Quarter 2								
						W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	
Tien Nguyen	N/A	Research Technology	3/1/2023	3/3/2023	3																
Tien Nguyen	Milestone 6	Scheduling System	3/4/2023	3/8/2023	5																
Tien Nguyen	Milestone 6	Scheduling System	3/9/2023	3/15/2023	7																
Tien Nguyen	Milestone 6	Scheduling System	3/16/2023	3/22/2023	7																
Tien Nguyen	Milestone 6	Scheduling System	3/23/2023	3/31/2023	9																
Quarter 2 2023																					
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023							Quarter 3								
						W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	
Garrett Tsumaki	N/A	Research Technology	3/1/2023	3/3/2023	3																
Garrett Tsumaki	Milestone 7	Project Showcase System	3/4/2023	3/8/2023	5																
Garrett Tsumaki	Milestone 7	Project Showcase System	3/9/2023	3/15/2023	7																
Garrett Tsumaki	Milestone 7	Project Showcase System	3/16/2023	3/22/2023	7																
Garrett Tsumaki	Milestone 7	Project Showcase System	3/23/2023	3/31/2023	9																

Phase 6 (April 1, 2023 - April 31, 2023)

Milestone 6 deliverable will be delivered by the end of this phase.

These deliverables include:

- Listing Profile System
- Scheduling System
- Discovery System

**Note that May 1, 2023 is not in this phase and is only displayed for formatting purposes in the tables*

Risk

Due to planned client feedback, unknowns for these features that team members will encounter, limited support, and unanticipated time off of team members, we perceive the risk level of Phase 6 for Hubba as severe.

The team plans to mitigate this risk through two strategies:

1. These deliverables will be started in Phase 5 to give more time to the primary assignees.
2. We have tasked remaining team members with supporting any of the primary assignees and their features, allowing for their support to be more flexible where needed. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off or higher required effort needed from the primary assignee.

Development Hell

Internal Project Plan

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023							Print:						
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Jett Sonoda	Milestone 6	Listing Profile System	4/1/2023	4/5/2023	5														
Jett Sonoda	Milestone 6	Listing Profile System	4/6/2023	4/12/2023	7														
Jett Sonoda	Milestone 6	Listing Profile System	4/13/2023	4/19/2023	7														
Jett Sonoda	Milestone 6	Listing Profile System	4/20/2023	4/26/2023	7														
Jett Sonoda	Milestone 6	Listing Profile System	4/27/2023	4/30/2023	4														

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023							Print:						
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Kevin Dinh	Milestone 6	Support Milestone 6	4/1/2023	4/5/2023	5														
Kevin Dinh	Milestone 6	Support Milestone 6	4/6/2023	4/12/2023	7														
Kevin Dinh	Milestone 6	Support Milestone 6	4/13/2023	4/19/2023	7														
Kevin Dinh	Milestone 6	Support Milestone 6	4/20/2023	4/26/2023	7														
Kevin Dinh	Milestone 6	Support Milestone 6	4/27/2023	4/30/2023	4														

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023							Print:						
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	
Bryan Tran	Milestone 6	Discovery System	4/1/2023	4/5/2023	5														
Bryan Tran	Milestone 6	Discovery System	4/6/2023	4/12/2023	7														
Bryan Tran	Milestone 6	Discovery System	4/13/2023	4/19/2023	7														
Bryan Tran	Milestone 6	Discovery System	4/20/2023	4/26/2023	7														
Bryan Tran	Milestone 6	Discovery System	4/27/2023	4/30/2023	4														

Development Hell

Internal Project Plan

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023												Print:												
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	
Darius Koroni	Milestone 6	Support Milestone 6	4/1/2023	4/5/2023	5																									
Darius Koroni	Milestone 6	Support Milestone 6	4/6/2023	4/12/2023	7																									
Darius Koroni	Milestone 6	Support Milestone 6	4/13/2023	4/19/2023	7																									
Darius Koroni	Milestone 6	Support Milestone 6	4/20/2023	4/26/2023	7																									
Darius Koroni	Milestone 6	Support Milestone 6	4/27/2023	4/30/2023	4																									
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023												Quarter 2 2023												
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th</th> <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th data-kind="ghost"></th>	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	
Tien Nguyen	Milestone 6	Scheduling System	4/1/2023	4/5/2023	5																									
Tien Nguyen	Milestone 6	Scheduling System	4/6/2023	4/12/2023	7																									
Tien Nguyen	Milestone 6	Scheduling System	4/13/2023	4/19/2023	7																									
Tien Nguyen	Milestone 6	Scheduling System	4/20/2023	4/26/2023	7																									
Tien Nguyen	Milestone 6	Scheduling System	4/27/2023	4/30/2023	4																									
Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023												Quarter 2 2023												
						Sa	S	M	Tu	W	Th	F	Sa	S	M	Tu	W	Th <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th>Tu</th> <th>W</th> <th>Th</th> <th>F</th> <th>Sa</th> <th>S</th> <th>M</th> <th data-kind="ghost"></th>	F	Sa	S	M	Tu	W	Th	F	Sa	S	M	
Garrett Tsumaki	Milestone 6	Support Milestone 6	4/27/2023	4/30/2023	4																									
Garrett Tsumaki	Milestone 7	Project Showcase System	4/1/2023	4/5/2023	5																									
Garrett Tsumaki	Milestone 7	Project Showcase System	4/6/2023	4/12/2023	7																									
Garrett Tsumaki	Milestone 7	Project Showcase System	4/13/2023	4/19/2023	7																									
Garrett Tsumaki	Milestone 7	Project Showcase System	4/20/2023	4/26/2023	7																									

Phase 7 (May 1, 2023 - May 9, 2023*)

Milestone 7 deliverable will be delivered by the end of this phase.

This deliverable is Project Showcase System.

**End date of Phase 7 is an estimate and is subject to change based on external sources*

Risk

Due to planned client feedback, unknowns for this feature that team members will encounter, very limited support, and unanticipated time off of team members, we perceive the risk level of Phase 7 for Hubba as extreme.

The team plans to mitigate this risk through two strategies:

1. This deliverable will be started in Phase 5 to give more time to the primary assignee.
2. We have tasked remaining team members with supporting any of the primary assignees and their features, allowing for their support to be more flexible where needed. While these team members are not the primary assignee, they are capable of handling any client feedback for previous deliverables or the feature in the case of unexpected time off or higher required effort needed from the primary assignee.

Team Members' Planned Activities

Assignee	Milestone	Story Name	Start Date	End Date	Duration	Quarter 2 2023										
						Sprint 29										
						5/1/2023	5/2/2023	5/3/2023	5/4/2023	5/5/2023	5/6/2023	5/7/2023	5/8/2023	5/9/2023		
Jett Sonoda	Milestone 7	Support Milestone 7	5/1/2023	5/9/2023	9											Support any remaining stories
Kevin Dinh	Milestone 7	Support Milestone 7	5/1/2023	5/9/2023	9											Support any remaining stories
Bryan Tran	Milestone 7	Support Milestone 7	5/1/2023	5/9/2023	9											Support any remaining stories
Darius Koroni	Milestone 7	Support Milestone 7	5/1/2023	5/9/2023	9											Support any remaining stories
Garrett Tsumaki	Milestone 7	Project Showcase System	5/1/2023	5/9/2023	9											Adjudicate Review Comments

References

Approved Request for Proposal Document, version 1.4 by Professor Vong, 10/01/202