ReserveWell
Fourth Iteration Plan

Version History Table

Version	Date	Description
v1.0	15.12.2023	-
v1.1	20.12.2023	Format issues have been fixed. Issues part is updated.

1. Key milestones

Milestone	Date
Iteration starts	22/12/2023
Develop the application to include other use cases which are support data visualization, collaborate with restaurants to integrate the system with existing systems, support waitlist management, support feedback infrastructure and edit work hours.	28/12//2024
Define test scenarios which are not use case specific	30/12/2023
Provide a demo	2/01/2023
Iteration stops	2/01/2023

2. High-level objectives

Develop the Application to Include Other Use Cases (Support Data Visualization)

- Develop and integrate data visualization features into the ReserveWell application.

- Enhance the user interface to support dynamic and informative visual representations of reservation data.

- Ensure seamless navigation and interaction with visual elements for both diners and restaurant managers.

Collaborate with Restaurants to Integrate the System with Existing Systems

- Establish collaborations with partner restaurants to integrate the ReserveWell system with their existing operational systems.

- Conduct system assessments to ensure smooth integration and interoperability.

- Provide necessary support and resources to restaurants during the integration process.

Support Waitlist Management

- Implement a robust waitlist management system within the ReserveWell application.

- Enable restaurant managers to efficiently manage and prioritize diners on the waitlist.

- Ensure real-time updates and notifications for diners as their status on the waitlist changes.

Support Feedback Infrastructure

- Develop and integrate a comprehensive feedback infrastructure for diners to provide reviews and ratings.

- Implement a user-friendly feedback submission process within the application.

- Enable restaurant managers to access and respond to diner feedback, fostering continuous improvement.

Test the Application

- Conduct thorough testing of the ReserveWell application across various scenarios and use cases.

- Identify and address any performance bottlenecks, bugs, or issues.

- Ensure the application meets high standards of functionality, reliability, and user experience.

Provide a Demo

- Prepare and deliver a comprehensive demo of the enhanced ReserveWell application.

- Showcase the newly integrated features, collaborations with restaurants, waitlist management, and feedback infrastructure.

- Gather feedback from stakeholders during the demo to inform any final adjustments before full deployment.

3. Work Item assignments

Name / Description	Priority	Size estimate (Points)	State	Target iteration	Assigned To	Effort estimate left (hours)	Hours worked	Reference material
Support reservations display	2	5	Verified	4	Team	14	22	
Implement	2		New	4	Team	3	3	
Test	2		New	4	Team	3	3	
Verify data flow	2		New	4	Team	5	5	
Draw sequence diagram to be included in Design Document	2		New	4	Team	3	3	<Design.pdf>
Support restaurant workhours customizations	2	5	New	4	Team	0	22	

Prototype UI	2		New	4	Team	0	3	
Do the design	2		New	4	Team	0	5	
Implement	2		New	4	Team	0	3	
Test	2		New	4	Team	0	3	
Verify data flow	2		New	4	Team	0	5	
Draw sequence diagram to be included in Design Document	2		New	4	Team	0	3	\<Design.pdf\>
Support basic managing reservations process (restaurant manager)	3	13	Assigned	4	Team	35	35	
Prototype UI	3		Assigned	4	Team	5	5	
Do the design	3		Assigned	4	Team	8	8	
Implement	3		Assigned	4	Team	8	8	
Test	3		Assigned	4	Team	3	3	
Verify data flow	3		Assigned	4	Team	8	8	
Draw sequence diagram to be included in Design Document	3		Assigned	4	Team	3	3	
Support basic realizing reservations process (waitstaff)	3	13	Assigned	4	Team	35	35	
Prototype UI	3		Assigned	4	Team	5	5	
Do the design	3		Assigned	4	Team	8	8	
Implement	3		Assigned	4	Team	8	8	
Test	3		Assigned	4	Team	3	3	
Verify data flow	3		Assigned	4	Team	8	8	
Draw sequence diagram to be included in Design Document	3		Assigned	4	Team	3	3	
Support feedback infrastructure	3	8	New	4		23	23	
Prototype UI	3		New	4		5	5	
Do the design	3		New	4		5	5	
Implement	3		New	4		5	5	
Test	3		New	4		3	3	
Verify data flow	3		New	4		5	5	
Support data visualization	3	13	New	4		31	31	
Decide whether outsourcing or inhouse	3		Closed	4		0	8	

Prototype UI	3		New	4		5	5	
Do the design	3		New	4		5	5	
Implement	3		New	4		5	5	
Test	3		New	4		3	3	
Verify data flow	3		New	4		5	5	
Complete Development Work Products	2		Verified	4				
Define build artifact	2		New	4				
Define developer test artifact	2		Assigned	4	Mustafa			
Create iteration plans	1	8	Verified	4	Ezgi E.	6	24	
Define Iteration Plan 4	3		Assigned	4	Ezgi E.	6	6	<Iteration Plan4.pdf>
Do the design	2	8	Assigned	4	Umut	22	22	
Develop code	2	13	Verified	4		29	29	
Detailed architecture	3		New	4		13	13	
Collaborate with restaurants to integrate the system with existing systems	3	5	Assigned	4	Umut	18	18	
Define data management policies	4	5	Assigned	4	Tunalı	13	13	
Ensure compliance with data privacy regulations	4	1	Assigned	4	Tunalı	5	4	
Decide on how the info is handled, stored and protected	4	1	Assigned	4	Tunalı	8	4	

4. Issues

Issue	Status	Notes
Load Testing Scenarios	Open	Identify and simulate realistic load testing scenarios to evaluate how the application performs under various levels of user activity and data volume.
Error Handling under Load	Open	Test and address how the system handles errors, timeouts, or degraded performance during peak loads to maintain stability.

5. Evaluation criteria

- Fulfilling the functions of the application with newly added features.

- System performance under various load scenarios.

- The count of positive feedback entries received during the demo.

6. Assessment

Assessment target	Fourth Iteration
Assessment date	15/12/2023
Participants	Development Team, Quality Team
Project status	Green

- **Assessment against objectives**

  Since the iteration has just started, the work items have not been completed, so no evaluation has been made yet.

- **Work Items: Planned compared to actually completed**

  The work items in this iteration have not started yet, but it is anticipated that the schedule will not be left behind.

- **Assessment against Evaluation Criteria Test results**

  No tests have been done yet. Evaluation criteria will be assessed after the tests.

- **Other concerns and deviations**

  -Unforeseen technical challenges or roadblocks.
  -Ensuring thorough testing and quality assurance within the time frame.
  -It is concerned that integrity will not be achieved if each team member performs a task.