ReserveWell
Second Iteration Plan

Version History Table

Version	Date	Description
v1.0	4.11.2023	-
v1.1	8.11.2023	Data base and "attrbiutes" are corrected to "database" and "attributes."

1. Key milestones

Milestone	Date
Iteration starts	6/11/2023
Define other use cases	8/11/2023
Define objects, attributes, and methods	14/11/2023
Determine initial database relationships	20/11/2023
Define initial software architecture	23/11/2023
Design initial user interface requirements	23/11/2023
Revise work list	23/11/2023
Get feedback from other teams	25/11/2023
Evaluate other teams	27/11/2023
Iteration stops	27/11/2023

2. High-level objectives

- **Define Objects, Attributes, And Methods:**

Identify and document the objects (entities) within the system, including their attributes and methods. Objects represent the key components or entities in the system and are essential for modeling system behavior and data interactions.

- **Determine Initial Database Relationships:**

Establish the foundational database relationships required for the project, including the definition of tables, their attributes, and the relationships between them. Ensure that data can be stored and retrieved efficiently.

- **Define Initial Software Architecture:**

Create an initial software architecture that outlines the high-level structure and components of the system. This architecture should define how different modules or components will interact, ensuring scalability, maintainability, and performance.

- **Design Initial User Interface Requirements:**

Develop the initial user interface (UI) requirements, including wireframes, layouts, and user interaction flows. Ensure that the UI design aligns with the project's objectives and provides an intuitive and engaging user experience.

3. Work Item assignments

Name / Description	Priority	Size estimate (Points)	State	Reference material	Target iteration	Assigned to (name)	Hours worked	Estimate of hours remaining
Define an initial high-level system architecture	2	3	New		2		8	8
Define objects, attributes, methods	3		New		3			
Develop a use-case model	2	5	New		2		14	12
Form use-case diagrams	2	3	New		2		6	6
Define uses cases	2	13	Verified		2		29	11
Manage Waitlist	2		Assigned		2	Ezgi E.	5	5
Give feedback for completed reservations	2		Assigned		2	Tunalı	3	3
Check reservations of the new-comers, update tables and records accordingly	2		Assigned		2	Mustafa	3	3
Do the design	2	8	New		3		22	22
Develop code	2	21	New		3		65	65
Design interface	2		New		2			
Define database and entity relationships	2		New		2			
Initial architecture	3		New		2			

4. Issues

Issue	Status	Notes
Order of the restaurants shown on the interface	Open	It cannot conclude yet whether restaurants should be displayed on the screen in alphabetical order, according to location information, or according to restaurant type.
How to share tasks among development team	Ongoing	
Any additional features needed for the core reservation system	Ongoing	In the detailed design phase, the need for additional features may rise

5. Evaluation criteria

- At the end of second iteration minimum%70 of the use cases should be written as fully dressed.

- Number of open issues, time to resolution, and issue tracking metrics.

- Completeness and relevance of identified use cases, and alignment of use cases with project scope and objectives.

- No missing relationship in the database.

- Clarity and robustness of the initial software architecture.

- Walkthrough of iteration build with Quality Teams received favorable response.

- Minimum 85% of the opinions against the interface design should be positive.

- Quality and intuitiveness of the initial user interface design, and alignment with user experience objectives.

- Completeness and accuracy of project documentation.

- Clarity and completeness of object definitions, including attributes and methods, and alignment of object definitions with project requirements.

6. Assessment

Assessment target	Second Iteration
Assessment date	4/11/2023
Participants	Development Team, Quality Team
Project status	Green

- **Assessment against objectives**

Since the iteration has just started, the work items have been completed, so no evaluation has been made yet.

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

Data flow diagrams are started to be created. Other works 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.
-Unsatisfaction about the initial draft user interface.