

Project Status Report II

Date of Report Issue/Prepared: 08/03/2024

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Project Name:	IPark	
Project Team:	T10	
Period Reporting:	Start Date: Feb 03, 2024	End Date: Mar 08, 2024
Overall Project Health	Green (Good) - Yellow (Warning) - Red (Bad)	

Summary

Project Status Summary

Overview:

The project has successfully reached a significant milestone with the completion of the mobile application. All planned milestones were achieved as anticipated, reflecting the team's dedication and efficiency in meeting project objectives. Currently, the focus has shifted towards finalizing the User Interface (UI) for the web application.

Mobile Application Progress:

- The mobile application development is complete, meeting all specified requirements and milestones.
- A thorough review of the application has been conducted, ensuring functionality, performance, and user experience align with project goals.

Web App UI Development:

- The team has transitioned to the web application phase, concentrating efforts on crafting a seamless and user-friendly UI.
- Challenges have been identified in designing various screens, prompting a collaborative effort to address and resolve these issues.
- The UI development is progressing well, with teams actively engaged in refining visual elements and enhancing navigational aspects.

Current Focus:

- Emphasis is placed on resolving UI-related challenges and streamlining navigational elements for a cohesive user experience.

- Continuous collaboration among team members ensures a unified approach to address issues promptly and maintain project momentum.

Next Steps:

Complete the UI development for the web application.

Conduct thorough testing to identify and rectify any potential issues.

Ensure consistency across different screens and enhance overall user navigation.

Prepare for the integration phase to ensure seamless interoperability between mobile and web applications.

Upcoming Milestones:

- Web App UI Development
- Functionality and Logic Completion:
- Firebase Integration and Functionality Verification
- Quality Assurance and Testing
- Presentation Preparation

Conclusion:

The successful completion of the mobile application marks a significant achievement, and the team is now focused on delivering a polished and user-friendly web application. Challenges in UI development are being diligently addressed, and with the current pace, the project is on track to meet upcoming milestones.

Accomplishments As Planned	Planned but not Accomplished
1. Implemented weekly sprints and meetings for effective project management.	1. Pending parking spot index screen implementation.
2. Successfully achieved milestones by assigning and addressing issues to different team members.	2. Pending implementation for reservation history screen UI
3. Implemented Admin reset password screen for web a	3. In process Error details and error report UI
4. Concluded the meticulous design and implementation of mobile screens and components, ensuring a cohesive and enriching user experience.	4. In process creating settings and Tickets for users .
5. Effectively implemented user authentication with the successful integration of signup and login pages for the web application.	

6. Attained a polished user experience by finalizing the UI for both the forgot password and reset password functionalities on the web platform.	
7. Successfully completed the development and implementation of the Admin Login page, contributing to a secure and controlled access environment.	
8. Elevated user interactions through the implementation of a thoughtfully designed Confirmation UI screen on the web.	
9. Delivered a dynamic and informative user interface with the completion of the dashboard screen, incorporating both functionality and visual appeal.	
10. Ensured robust component functionality in the mobile app through thorough testing using the Jest library, guaranteeing a reliable end product.	

Upcoming Objectives for **Mar 09, 2024 to Mar 29, 2024**

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
Landing page-logic	Mahshad Eilanlou	5 days	Mar 09, 2024 to Mar 29, 2024
Phone verification-UI	Mahyar Ghasemi Khah	4 days	Mar 09, 2024 to Mar 29, 2024
Id page- UI	Negin Heidari	3 days	Mar 09, 2024 to Mar 29, 2024

Admin Login page- logic	Mohammadali Talaei	6 days	Mar 09, 2024 to Mar 29, 2024
Ticketing login page-logic	Sheida Moazeni	5 days	Mar 09, 2024 to Mar 29, 2024
Parking spot-logic	Mahyar Ghasemi Khah	5 days	Mar 09, 2024 to Mar 29, 2024
Setting page-UI	Mahshad Eilanlou	4 days	Mar 09, 2024 to Mar 29, 2024
creating Parking spot- logic	Negin Heidari	5 days	Mar 09, 2024 to Mar 29, 2024
reservation history calender-UI	Sheida Moazeni	5 days	Mar 09, 2024 to Mar 29, 2024
Creating parking lot-UI	Mohammadali Talaei	4 days	Mar 09, 2024 to Mar 29, 2024
DisplayingTickets-logic	Mahshad Eilanlou	4 days	Mar 09, 2024 to Mar 29, 2024
Error details-logic	Negin Heidari	4 days	Mar 09, 2024 to Mar 29, 2024
Editing parking lot- logic	Sheida Moazeni	5 days	Mar 09, 2024 to Mar 29, 2024
Creating tickets	Mahyar Ghasemi Khah	5 days	Mar 09, 2024 to Mar 29, 2024

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Phase 1: 1) Develop reusable components for efficient and modular code. 2) Design main screens with attention to user experience and interface aesthetics.	Sheida Moazeni Negin Heidari Mahshad Eilanlou Mahyar Ghasemi Khah Mohammadali Talaei	15 March 2024

3) Ensure responsiveness and compatibility across different devices.		
Phase 2: 1) Resolve any remaining issues identified during UI development. 2) Implement and fine-tune logics to enhance overall system performance. 3) Verify and complete any outstanding functionalities as per project requirements.	Sheida Moazeni Negin Heidari Mahshad Eilanlou Mahyar Ghasemi Khah Mohammadali Talaei	20 March 2024
Phase 3: 1) Establish a secure connection to Firebase for data storage and retrieval. 2) Integrate Firebase features such as authentication and real-time database functionality. 3) Conduct thorough testing to validate the completeness and reliability of project functionalities.	Sheida Moazeni Negin Heidari Mahshad Eilanlou Mahyar Ghasemi Khah Mohammadali Talaei	25 March 2024
Phase 4: 1) Execute comprehensive testing scenarios covering UI, functionalities, and database interactions. 2) Implement debugging procedures to address identified issues promptly. 3) Conduct user acceptance testing (UAT) to ensure alignment with end-user expectations.	Sheida Moazeni Negin Heidari Mahshad Eilanlou Mahyar Ghasemi Khah Mohammadali Talaei	27 March 2024
Phase 5: 1) Create a visually engaging presentation.	Sheida Moazeni Negin Heidari Mahshad Eilanlou Mahyar Ghasemi Khah	28 March 2024

2) Compile documentation highlighting the development journey, challenges faced, and solutions implemented.	Mohammadali Talaei	
3) Rehearse the presentation to effectively communicate the project's success and showcase its features.		

Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
Quality Assurance	To ensure quality, a robust testing strategy must be implemented, encompassing comprehensive test plans covering unit testing and user acceptance testing. This approach guarantees that each system component meets quality standards and functionality requirements. Peer reviews align with user expectations, ultimately enhancing project deliverables' overall quality.	14 February 2024
External Dependencies	To manage external dependencies effectively, it's essential to monitor them closely. Stay informed about updates or changes to external services and APIs, ensuring proactive management of any potential impacts on the project. By staying vigilant and responsive to changes in external dependencies, we can minimize disruptions and maintain project continuity.	17 February 2024

Integration Issues	<p>To facilitate seamless integration between components or modules, it's crucial to standardize interfaces. This involves defining clear interface specifications and standards for integration points. By establishing consistent guidelines, we ensure that different parts of the system can communicate effectively and seamlessly. Standardization minimizes compatibility issues and streamlines the integration process, ultimately leading to a more efficient and cohesive system.</p>	02 February 2024
Timeline Risks	<p>Embracing agile methodologies like Scrum is essential for effective project management. These methodologies enable iterative development cycles and adaptive planning, allowing teams to respond swiftly to changing requirements or constraints. By breaking down work into smaller, manageable tasks and iterating on them in short cycles, agile teams can deliver value incrementally and adapt to evolving needs throughout the project lifecycle. This approach fosters collaboration, flexibility, and continuous improvement, ultimately leading to higher productivity and better outcomes.</p>	17 February 2024

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Dependency Delays	High	High	Regularly communicate with external service providers to stay informed about potential delays or changes in dependencies. Implement contingency plans and alternative solutions to mitigate the impact of dependency delays. Prioritize tasks with critical dependencies to minimize schedule disruption.
Technical Complexity	High	High	Allocate additional time for research and prototyping to address potential technical complexities. Encourage collaboration among team members to leverage collective expertise and brainstorm solutions to technical challenges.
Scope Creep	High	Medium	Establish a change management process to evaluate and approve any changes to project scope. Clearly define and document project scope boundaries to prevent scope creep. Conduct regular reviews to assess proposed changes against project

			objectives and constraints.
Unrealistic Time Estimates	High	High	Break down tasks into smaller, more manageable sub-tasks to facilitate more accurate time estimation. Use historical data or past project metrics to inform time estimates where applicable. Incorporate buffer time into project timelines to account for unforeseen delays or unexpected complications. Regularly review and adjust time estimates based on actual progress and feedback from team members.

NOTE: Attach additional sheets if insufficient space available

Submission Guidelines:

Please submit as "W24_T<team number>_ProjectReport2".

For e.g., W24_T45_ProjectReport2

This is a group submission i.e. one per group.

Due Dates:

Sunday, Mar 10, 2024 (11:59 p.m.)