

Project Status Report II

Date of Report Issue/Prepared: March 8 2024

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Employer/Organization:

Project Name:	AI CALL ASSIST		
Project Team:	T20		
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

The AI Call Assist project, developed within React native with integrated AI features, is currently in an advanced stage of development. The core functionalities have been successfully implemented, leveraging React Native's robust environment. The project focuses on seamlessly integrating AI capabilities to enhance the customer calling experience for restaurant services. As we are still working with our outsourced development team, the capstone team has not accomplished integration of AI features within the React application just yet. Ongoing testing and refinement are key priorities to ensure a smooth and intuitive user interface. The next milestones involve integrating and fine-tuning the AI algorithms for enhanced understanding and responsiveness, as well as exploring additional AI features to further elevate the application's capabilities. The project aligns with the goal of optimizing restaurant operations by utilizing cutting-edge AI technology within the React's framework.

Accomplishments As Planned	Planned but not Accomplished
Frontend Development for AI Call Assist Mobile App: Completed the frontend development for the AI Call Assist mobile app using React Native. Most of the screens are fully functional, providing a smooth user experience.	AI Implementation: Currently, the team is still working on implementing the AI functionality into the mobile app. This aspect of the project is essential for providing intelligent assistance during calls, and efforts are ongoing to integrate this feature seamlessly.

<p>Backend Development for Login Functionality: Successfully completed the backend development for the login functionality of the mobile app. Users can securely log in to their accounts, ensuring data privacy and security.</p> <p>AI Configuration Screen: Successfully completed the AI configuration screen, where users can add or delete items as needed. This feature allows users to customize their AI settings according to their preferences, providing flexibility and control over the AI functionalities within the application. The implementation of this screen enhances user interaction and streamlines the AI customization process.</p>	<p>FAQ Search Bar Implementation: The team identified the need for a FAQ search bar where users can easily search for questions. However, this feature has not been implemented yet. Efforts are underway to develop and integrate the search bar functionality to enhance user experience and provide quick access to relevant information. This task remains a priority and will be addressed in the upcoming development sprints.</p> <p>AI Behavior Development: The team identified the need to work on the AI behavior to enhance its functionality within the application. However, this task has not been completed yet. Efforts are underway to develop and refine the AI's behavior to ensure intelligent and responsive interactions with users. This aspect of the project remains a priority and will be addressed in the upcoming development sprints.</p> <p>Forgot password and Remember Me feature: The team still needs to implement the “forgot password” feature within the app to allow users to change their forgotten password. The “remember me” feature also needs to be implemented as well to ensure that the user does not have to keep logging in the app.</p> <p>Storing data for each user: To ensure that users have their own data, the team must implement local data storage for each user</p>
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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
AI Implementation	Development Team	20 Days	March 09 - 29

Faq Search Bar	Kaarish & Sam	5 Days	March 09 - 13
AI Behavior	Ali & Alvaro	7 Days	March 10 - 17

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
Complete Application Dev	Ali, Kaarish and Alvaro	March 22nd
Complete AI integration	Amir, Samuel	March 22nd

Managing Issues and Risk

Issues/Problems	Resolution Strategy	Due Date
Integration Challenges with Existing Phone Systems: <ul style="list-style-type: none"> Some difficulties encountered in seamlessly integrating the AI call assist with the restaurant's existing phone systems. 	Integration Challenges: <ul style="list-style-type: none"> Engage in frequent communication and collaboration between the development team and the restaurant's IT department to address integration issues promptly. Schedule additional testing sessions and provide dedicated support to ensure a smooth integration process. 	Integration Challenges: Due Date: February 20th, 2024
User Interface (UI) Performance Issues: <ul style="list-style-type: none"> Users have reported occasional performance issues related to the UI responsiveness and loading times. 	UI Performance Issues: <ul style="list-style-type: none"> Conduct a thorough performance analysis to identify bottlenecks in the UI. Implement code optimizations and consider UI enhancements to improve responsiveness. Regularly monitor user feedback and address reported issues through incremental updates. 	UI Performance Issues: Due Date: February 29th, 2024

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
Data Corruption	Low	HI	Keep previous models of the application on a separate storage Password Hygiene
Data Leak	Med	Med	
AI Malfunction	Med	HI	

Data not being stored in our database	Med	HI	Keep previous working models of the Ai and also do regular testing Regular testing hotfixes & patches from our development team
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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.)