

Team 36: Digitizing the Restaurant Experience: Reservations and POS

Requirement and Verification Table

Module Name	High Level Requirement	Points
Power subsystem	<ul style="list-style-type: none">Provides power to RFID and Microcontroller	5
RFID Reader/tag	<ul style="list-style-type: none">Receives the data by tagging, then transfers to microcontrollerLEDs indicates the proper RFID tag	15
Client Module	<ul style="list-style-type: none">The web application properly fetch and post data within 400ms from the SQL tablesThe web app properly refreshes when in dashboard view within 15 seconds after SQL table is updatedBe able to update table status via the web platform	20
Microcontroller	<ul style="list-style-type: none">Sends table status update to the server when the button is pressedClears table status when correct RFID is scanned	10
	Total	50