PROJECT REQUIREMENTS DOCUMENT

Project Name	Freight Joint

Functional Requirements

A functional Bid-Free system designed for shippers and carriers to seamlessly coordinate their operations without disruptions. This would include a comprehensive load board that streamlines load details, such as origin, destination, and estimated arrival time. This load board seamlessly connects shipper and carrier information, eliminating the need for a bidding system. Additionally, the system provides user registration and login pages, along with the flexibility to update and personalize user profile elements, including contact information.

Technical/Performance Requirements

A web hosting server is required, along with a React development library for web application development. The system should include automatic form validation, ensuring that newly created loads are promptly added to the load board and removed once claimed or completed. Load transitions from creation to the load board should occur smoothly and nearly instantaneously. Users should have the option to manually refresh the load board when needed. The system's performance must remain robust even during high-load scenarios, with no degradation when a substantial number of loads populate the load board simultaneously.