Food Oasis (Team 7) Requirements (ChatGPT)

**Functional requirements: Inventory Management:**

The web app should allow the seller to upload their inventory to the database, including product details such as name, description, price, and availability.

Location Tracking: The app should be able to track the seller's location and store it in the database, allowing buyers to find nearby sellers using GPS.

Search Functionality: The app should allow buyers to search for sellers by product or seller name, location, and availability.

Ordering and Payment: The app should allow buyers to place orders for products, and sellers should be able to receive and manage orders. The app should also integrate with a payment gateway to enable online payments.

Navigation: The app should provide buyers with the option to get directions to the seller's location, including the shortest route and estimated time of arrival.

**Non-functional requirements:**

Performance: The app should be fast and responsive, with quick search results and minimal lag times when uploading inventory or processing orders.

Scalability: The app should be designed to handle a large number of users and sellers without compromising performance or functionality.

Security: The app should be secure, with strong authentication and authorization protocols to protect user data and prevent unauthorized access to the app's functionality.

Usability: The app should be easy to use and navigate, with clear instructions and intuitive interfaces for both buyers and sellers.

Reliability: The app should be reliable, with minimal downtime and effective error handling to ensure that buyers and sellers can use the app without interruption.