Research

**Users:**

1. **Store Owner:** The store owner is a key user of the system, and their role involves managing the pizza business. They may use the app or system for various purposes, including monitoring orders, managing inventory, viewing sales data, and making strategic decisions. The store owner's objectives may include improving efficiency, reducing costs, and increasing profitability.
2. **Pizza Chef:** The pizza chef is responsible for preparing and cooking pizzas. They may interact with the system to receive order details, track cooking times, and ensure that orders are prepared accurately. The pizza chef's goals typically involve maintaining consistency in food quality, fulfilling orders promptly, and managing their workload efficiently.

**Assumptions:**

1. **Technical Proficiency:** Assumption: The store owner and pizza chef are reasonably proficient with using digital tools and technology. They can navigate the app or system with a moderate level of technical skill.
2. **Order Management:** Assumption: The store owner relies on the app or system to manage incoming orders efficiently. They need clear, real-time order notifications and the ability to adjust order statuses (e.g., in progress, ready for delivery) as needed.
3. **Inventory Tracking:** Assumption: The store owner uses the system to monitor inventory levels of pizza ingredients and other supplies. They require accurate inventory management tools to prevent stockouts and overordering.
4. **Performance Metrics:** Assumption: The store owner values data and analytics to assess the performance of the business. They need access to sales data, order trends, and customer feedback to make informed decisions.
5. **Efficient Workflow:** Assumption: The pizza chef needs a streamlined and intuitive interface for managing incoming orders. They rely on the app to organize orders by priority and ensure that they can prepare pizzas efficiently.
6. **Order Accuracy:** Assumption: The pizza chef expects clear order details with specific customer requests and dietary restrictions to ensure that the pizzas are prepared correctly.
7. **Communication:** Assumption: Both the store owner and pizza chef may need communication features within the app for addressing order-related issues, coordinating tasks, or handling special requests.
8. **Security and Access Control:** Assumption: The store owner requires secure access control features to ensure that only authorized personnel can access sensitive business data and settings.
9. **Training and Support:** Assumption: The store owner and pizza chef may require training and ongoing technical support to effectively use the app or system, especially if it undergoes updates or changes.
10. **User Feedback:** Assumption: It's important to gather feedback from both the store owner and pizza chef to continuously improve the app's usability and features, ensuring it aligns with their evolving needs.
11. **Customer Support:** Assumption: Users may encounter issues or have questions while using the app. The app should provide easy access to customer support, such as a chat feature or a helpline.

Documentation:

1. **Design Goals - UI UX**
   1. ***Responsiveness:*** A mobile friendly Pizza creation app that is pleasant and easy to use on a mobile device and on desktop. -
   2. ***Visual design*:** The design look and feel aligns with the pizza industry by using colors, imagery, and font relevant to. -
   3. ***Accessibility*:** It shall be accessible for user with disabilities by but not limited to alt-tags on images, font alternatives, aria-labels, tab-indexes, keyboard navigation, contract ratios, and screen reader compatibility.
   4. ***layout and IA*:** The layout is general, following common information architecture that users are used to.
   5. ***Interaction Design*:** Placement and interactions of buttons and form layout follow how users scan pages and keep them engaged. *Interaction Design*
   6. ***Feedback and Iterations*:** App should communicate to the user by but not limited to loaders, form validation, toast messages, alerts, and modals or dialogs etc.
   7. ***Performance optimization:*** Optimizing images and utilizing code splitting and other techniques to ensure fast load times.