# Wireframe Design Document

## iNeuron

## 1. Introduction

This document provides a wireframe design for the Funku Online Store, an AI-powered e-commerce platform with features including product recommendations, AI-driven bargaining, and a chatbot for customer support. The wireframe represents the visual layout and structure of the user interface.

## 2. Wireframe Overview

The wireframe outlines the structure of the main pages and components, including:

• \*\*Home Page:\*\* Displays featured products and user-specific recommendations.  
• \*\*Product Page:\*\* Shows product details, images, and pricing.  
• \*\*Chatbot Page:\*\* AI chatbot interface for customer support and bargaining.  
• \*\*Cart Page:\*\* Displays selected items before checkout.  
• \*\*Checkout Page:\*\* Handles the order confirmation process.

## 3. Wireframe Diagrams

[Insert wireframe sketches or UI mockups here]

## 4. UI Components

• \*\*Navigation Bar:\*\* Contains links to Home, Categories, Cart, and Profile.  
• \*\*Search Bar:\*\* Allows users to search for products.  
• \*\*Recommendation Section:\*\* Displays AI-suggested products.  
• \*\*Chatbot Interface:\*\* Enables customer interactions for support and price negotiation.  
• \*\*Product Grid:\*\* Shows a list of products with images and prices.  
• \*\*Cart Summary:\*\* Displays selected products with total price calculation.

## 5. User Flow

1. User visits the \*\*Home Page\*\* to browse products.  
2. User clicks on a product to view \*\*Product Details\*\*.  
3. User interacts with the \*\*AI Chatbot\*\* for bargaining or support.  
4. User adds products to the \*\*Cart\*\*.  
5. User proceeds to \*\*Checkout\*\* and completes the transaction.  
6. System processes the order and updates the database.

## 6. Technologies Used

• Frontend: React.js, Bootstrap, React-Toastify  
• Backend: Flask, Flask-CORS, Flask-RESTful  
• Database: Firebase Firestore  
• AI Models: NLP-based chatbot, recommendation system

## 7. Future Enhancements

• Improve chatbot UI for a more interactive experience.  
• Implement user authentication for a personalized shopping experience.  
• Introduce a more advanced recommendation algorithm.

## 8. Contributors

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iNeuron Certified Project







