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|  | 4-4 Assignment: UI Design |
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**Assignment: UI Design**

For this assignment, I redesigned the product detail screen of the Wayfair mobile app using Microsoft PowerPoint. The goal was to maintain the app’s core purpose—helping users evaluate and purchase furniture while introducing new features that improve usability, personalization, and decision-making. The redesigned screen includes several key components. At the top, a navigation bar displays the Wayfair logo, a back button, and a share icon. The product image section now features a 360-degree rotatable view, allowing users to inspect items from every angle.

A “See in My Room” button launches an augmented reality view, enabling users to visualize the product in their actual space. These enhancements address common user concerns about how an item looks and fits before purchase. To further personalize the experience, I introduced a “Style Match Assistant,” which provides a match score based on users’ saved items or past purchases and explains why a product complements their style. Another major addition is the “Fit Check Tool,” which uses the phone’s camera and room dimensions to simulate how furniture will fit in the user’s space. Customization options like color and configuration are retained but redesigned with interactive previews.

Throughout the redesign, I followed Android’s Material Design guidelines. All interactive elements are clearly labeled, easy to tap, and provide responsive feedback. I used progressive disclosure to maintain a clean layout, placing advanced tools inside collapsible cards. Accessibility was prioritized with high contrast visuals, readable fonts, and large touch targets.

The biggest challenge was integrating these new features without cluttering the screen. I addressed this by grouping related tools and using a modular layout that keeps the interface organized. This redesign makes the Wayfair app more helpful and enjoyable to use, empowering users to make confident, informed decisions exactly what a product detail screen should do.

A screenshot of a phone

AI-generated content may be incorrect.A phone with a screen showing a couch

AI-generated content may be incorrect.