

Furniture Renting

❖ Team Members

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1. Abstract of definition

An online furniture rental shop allows users to explore and rent a variety of furniture available in the store. The platform features a wide range of furniture products showcased in different models and designs. Users can browse through these products by category. If a user likes a product, they can add it to their shopping cart. To proceed with the checkout, the user must first register on the site. After registration, they can log in with the same credentials for future visits. The payment options include credit card and cash on delivery. Upon successful transaction, the user receives a shopping receipt via email. The frontend is developed using ReactJS, while the backend, designed with Django, manages furniture lists and inventory data. This online furniture rental project simplifies the process for both buyers and sellers, bringing an entire furniture store to the digital realm.

2. Problems solved by our idea

- Renting furniture is a cost-effective alternative to buying, especially for those who frequently relocate or only need furniture for a short duration, such as students or temporary workers.
- The platform offers the convenience of browsing, selecting, and renting furniture from the comfort of home, eliminating the need for physical store visits.
- Users can choose from a variety of furniture styles and models to suit their changing tastes and needs without long-term commitments.
- For people living in smaller spaces, renting allows them to only keep essential items, freeing up space as needed.
- People in transitional phases of life, such as moving to a new city or temporary relocation for work, can have immediate access to necessary furniture without the hassle of purchasing and then reselling or moving bulky items.

3. Expected Outcome

- Increased Traffic of the our Website and make the product available globally
- Increased Sales
- Brand Awareness
- Customer Retention
- Mobile Optimization
- User Experience
- Cost Savings for Users
- Flexibility and Adaptability

4. Logic

4.1 Sign_up :

- In Sign up we will store the information like Email,Password.
- we will validate the email format is the correct and password is not empty.

4.2 Login :

- In login the email and password will be validate.If the email & password is correct user will be login else Error Message will be display.
- After successful login user will be redirect to the profile page.

4.3 View Product :

- In view product all the product will be display on the product page.which are store in database.

4.4 Filter Product :

- User can easily filter product using filtering functionality.

4.5 Add to Cart :

- When user click on add to cart button. so that particular product will be added to the cart.
- User can also remove particular product from the car

4.6 Wishlist :

- Users can easily add product to there wishlist.

4.7 Make Payment :

- When user click on buy now button so the user have to fill details make the Payment. And confirm booking.

4.8 Generate Receipt :

- After Successful Payment receipt is generate. It contains details of booking.

4.9 Manage Product :

- Admin can manage products like add products,update products,delete products and also manage which product is available or which product is out of stock.

4.10 Logout :

- When user click on logout button it will be logged out on the website.

5. Conclusion

In conclusion, the online furniture rental platform seamlessly merges traditional shopping convenience with the digital age, offering users a comprehensive and user-friendly experience. By leveraging ReactJS for the frontend and Django for the backend, the project effectively manages a diverse catalog of furniture products while ensuring robust user authentication, cart management, and secure payment options.

The platform's intuitive interface allows users to explore a variety of furniture models and designs categorized for easy navigation. Adding products to the shopping cart and proceeding to checkout is straightforward, promoting a hassle-free rental experience. Registration and login functionalities streamline user interaction, enabling personalized service and seamless access to transaction history.

Furthermore, the inclusion of multiple payment methods, including PayPal and cash on delivery, enhances user convenience and flexibility during checkout. Upon successful transactions, automated email receipts provide users with immediate confirmation and peace of mind.

Overall, the online furniture rental project exemplifies modern e-commerce practices by bridging the gap between consumers and sellers in the furniture industry. It sets a benchmark for digital storefronts, offering a robust framework for scalability and future enhancements.

Through continuous refinement and responsive customer support, the platform aims to redefine how users perceive and engage with furniture rental services, ensuring satisfaction and reliability with every interaction.

THANK YOU