

Luxurious Creation: Visualize Around Yourself with AR

By

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Introduction

The "Luxurious Creation: Visualize Around Yourself with AR" project aims to revolutionize furniture shopping websites by incorporating augmented reality (AR) technology.

Users will be able to visualize how various furniture pieces would look and fit within their own living spaces before making a purchase decision.

The project aims to enhance customer confidence and satisfaction, minimize returns, and revolutionize the way furniture shopping is conducted online.

Literature Review

In [1], The paper introduces the research articles in simplified HTML, which is a web-first format for writing HTML-based scholarly papers.

In [2], This paper presents a tree logic for algorithmic reasoning about CSS selectors, i.e., by developing algorithms for deciding the satisfiability of formulas in the logic

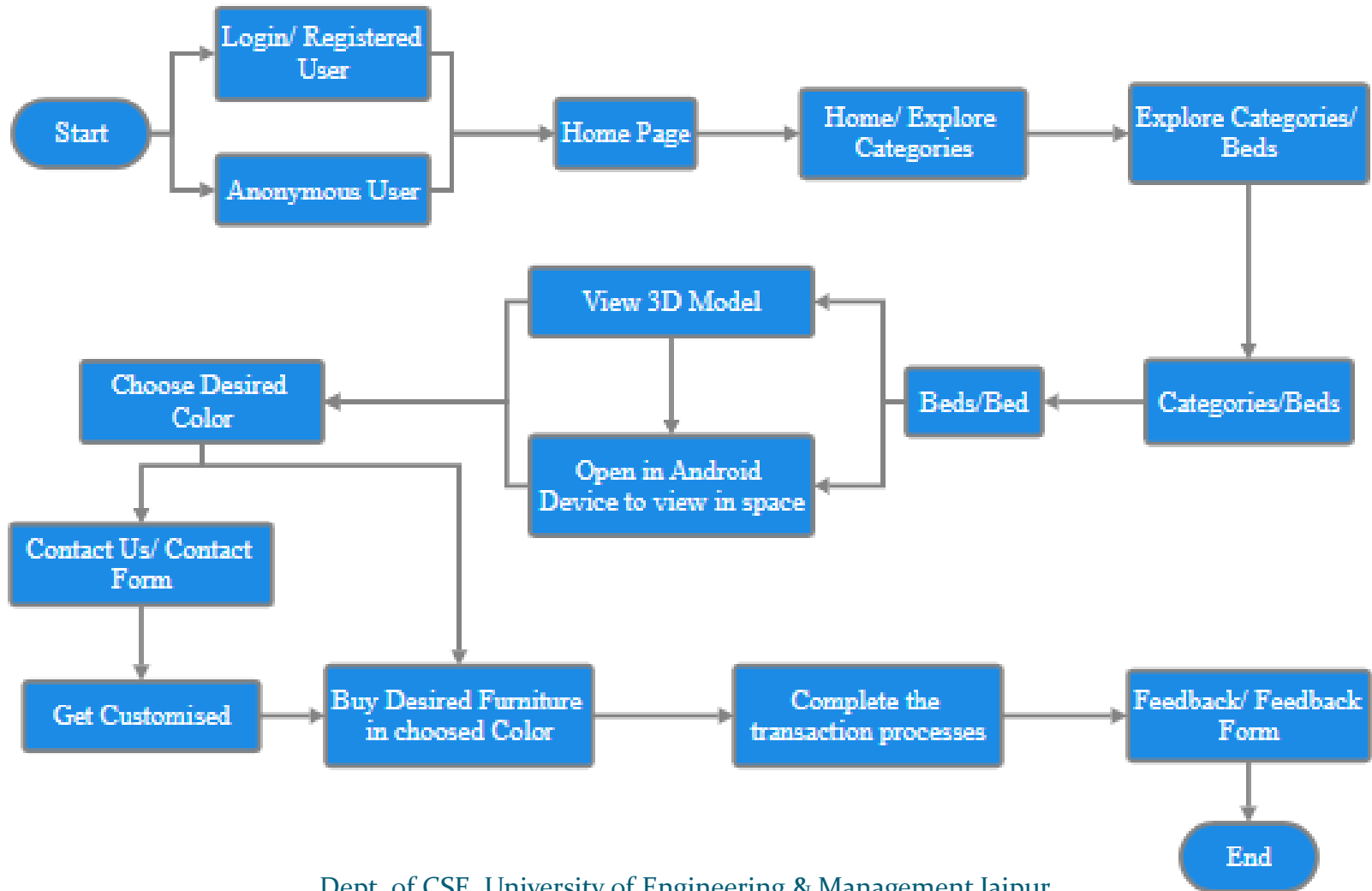
In [3], This paper presents the framework for developing a Mobile Augmented Reality (MAR) and is about the designing of mobile augmented reality (MAR) applications.

In [4], The writer highlights the way of using and taking advantage of 3D models in real life. The 3D models provide almost real-life experience.

Objectives

- **User-friendly interface:** This website encourages the user to buy furniture online by providing a user-friendly environment and a real-time view of their space.
- **Customization:** To Provide the options to buy items of furniture of their desired colour choice.
- **Personalised App Service:** To provide users with a login and registration facility to get the personal cart and a wishlist option for easy product interaction.

Proposed Model



Experimental Set-up

Software	Hardware
Visual Studio Code Editor	Laptop
HTML/CSS	RAM/ Memory
PHP	Internet
Database	Android Device
Git & Github	
Model Viewer Editor	
Sketchfab	

Result

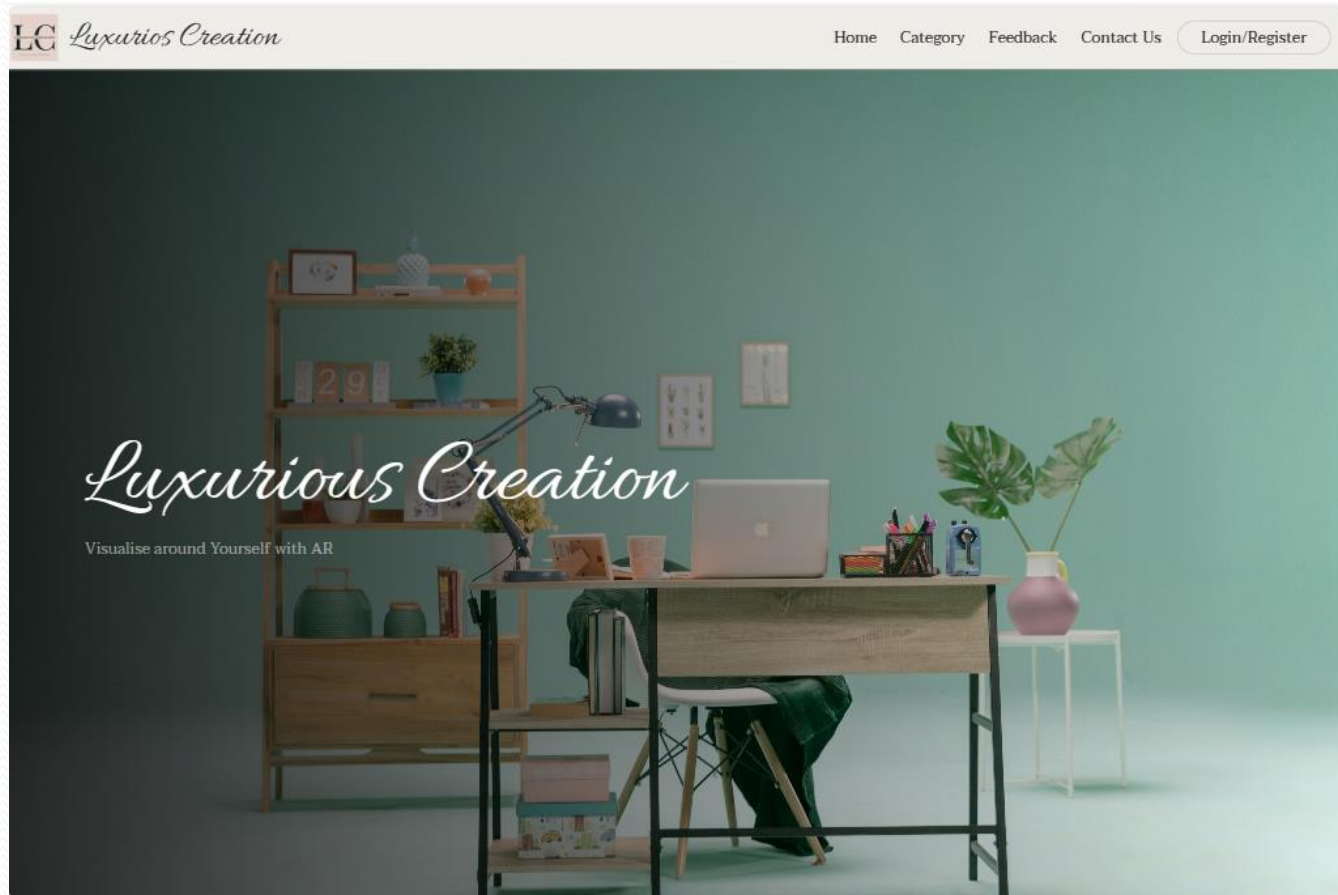


Figure 1: Home Page

Result

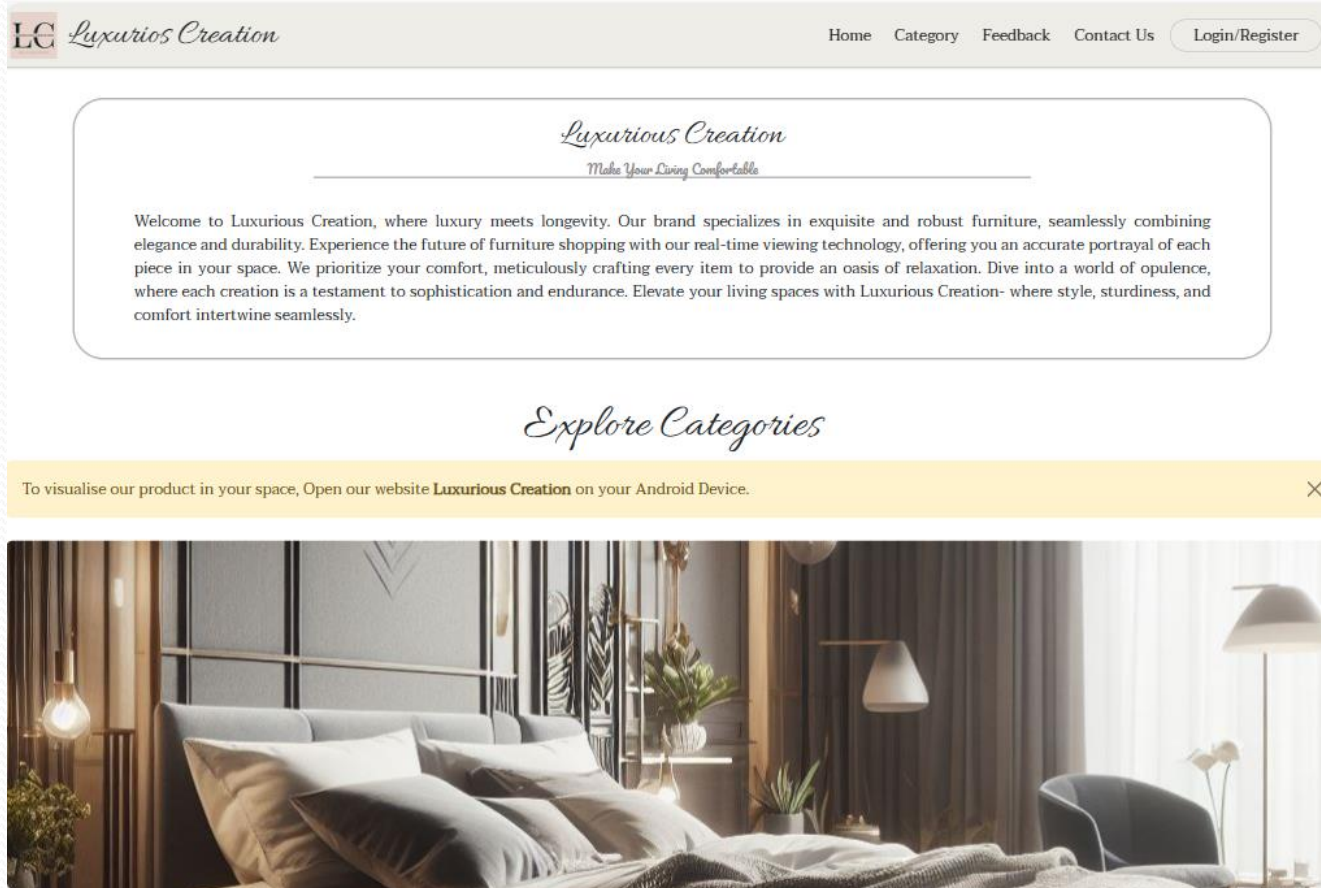


Figure 2: Home Page/Introduction

Result

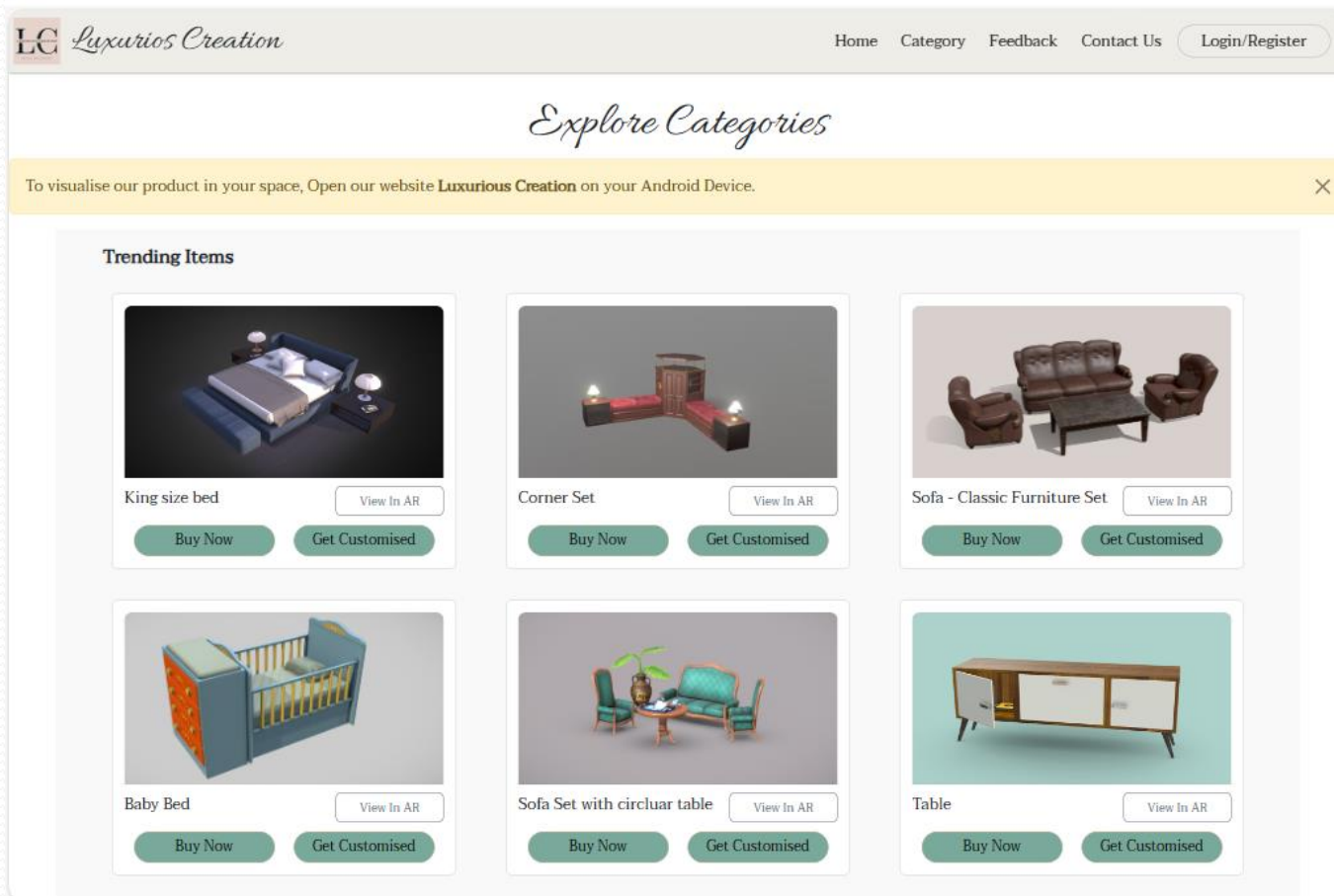


Figure 3: Categories/Trending Section

Result

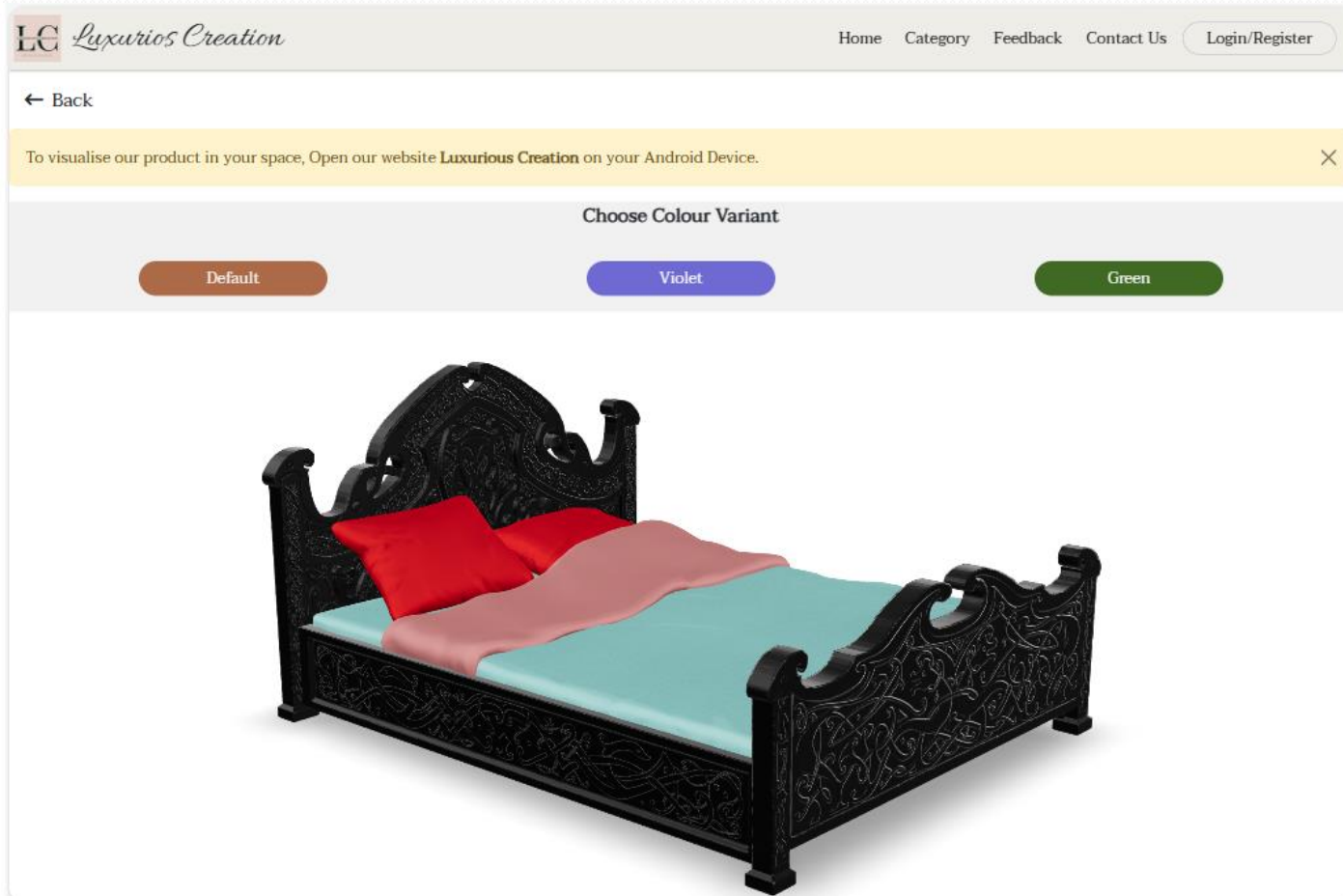


Figure 4: Beds/Bed(Black)

Result

LC Luxurios Creation Home Category Feedback Contact Us Login/Register

FEEDBACK FORM

Please help us to serve you better by taking a couple of minutes.

Which category of product you tried from our site?

☐ Sofa Set

☐ Tables/Chairs

☐ Beds

☐ Others

Rate our Product:

☐ 1★ ☐ 2★ ☐ 3★ ☐ 4★ ☐ 5★

How do you feel after using product? Would you recommend to others, please write to us...

Additional Feedback:

Your Name

Your Email

Your Number

Figure 5: Feedback Page

Result

LC

Luxurious Creation

Home

Category

Feedback

Contact Us

Login/Register

Contact Us

Get in touch

Want personalised furniture set? Feel free to write us.

Headquaters

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Support

luxuriousCreation@support.com
help@creation.com

Follow Us

f

Let's Connect

Lets break the ice and give us opportunity to assist you

Your Name

Your Email

Subject

How can we help?

Send Message


Figure 6: Contact Us Page


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Result

LG Luxurios Creation Home Category Feedback Contact Us Login/Register

Login

Username 

Password 

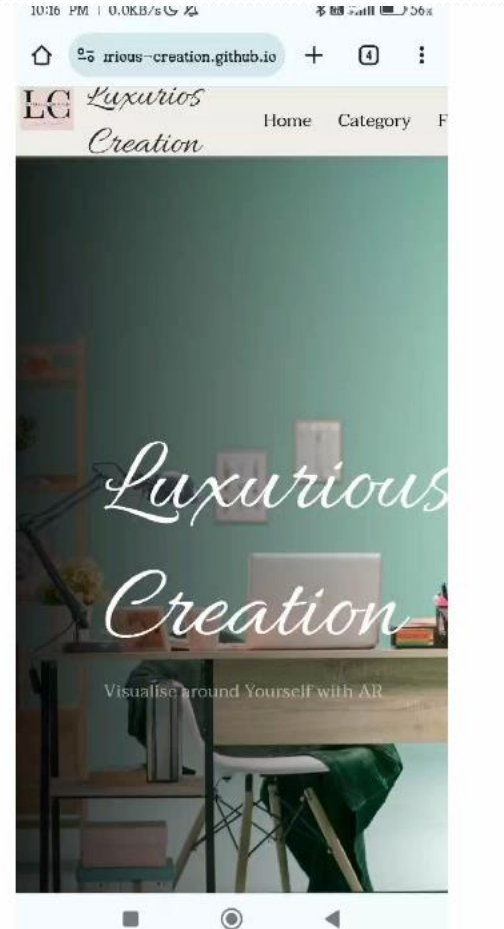
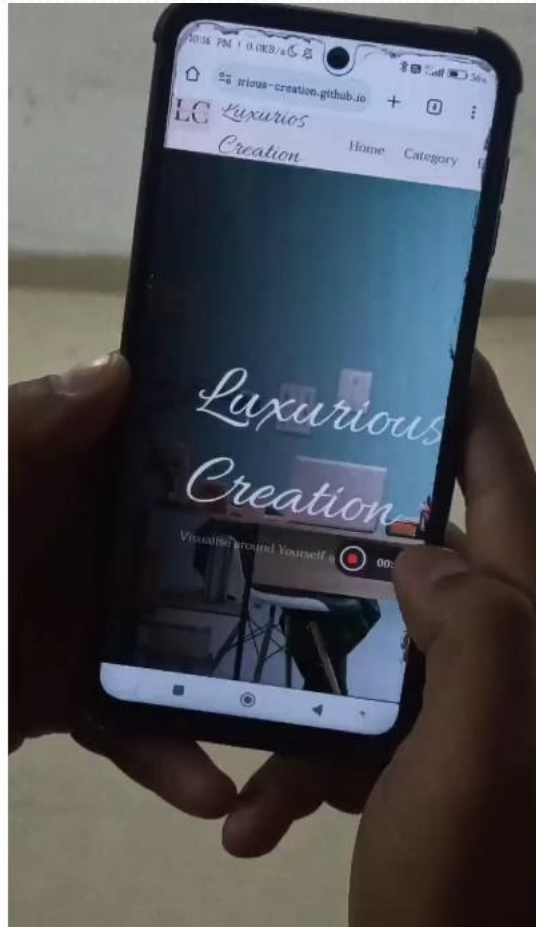
☐ Remember me [Forgot password?](#)

Login

Don't have any account? [Register](#)

Figure 7: Login/Registration Page

Result



Result Analysis

The website has successfully transformed the online furniture buying experience by prioritizing user satisfaction through a meticulously designed, user-friendly environment.

The challenges of colour selection have been effectively addressed, providing users with tools and features to make accurate choices. The inclusion of customization options allows for a personalized touch, enabling users to create furniture that aligns perfectly with their preferences.

Overall, these collective efforts have resulted in a comprehensive and immersive online furniture shopping experience that goes beyond traditional e-commerce, making the process not only convenient but also enjoyable for users.

Conclusions & Future Scope

Luxurious Creations, the AR-powered furniture website, combines cutting-edge technology with exquisite design, offering users a seamless virtual shopping experience with augmented reality.

Luxurious Creations, the furniture website using cool AR stuff, is set for an awesome future! We're thinking about adding more furniture styles and colours for you to pick from. Imagine customizing your furniture exactly how you want!

References

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Thank You!