

GLAM-GROVE

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Abstract—Glam Groves is a user-friendly website that gives broad and authentic hostel information at nearest from VIIT College. The website aggregates critical information including hostel vacancies, fee structures, availability of water, Wi-Fi, ratings over cleanliness, quality, and quantity of food served, and proximity of hostels to college. So, Glam Groves addresses all the general concerns a fresher or direct second-year diploma student may have, like safety and security, basic amenities, and more, ensuring that decisions become much easier for them. The website also includes trust-building aspects like verified user reviews and images, so transparency and reliability are guaranteed. Glam Groves has streamlined the process of selecting hostels with an intuitive front-end design, which saves time and effort while creating a closer connection between hostel providers and seekers. This innovative digital solution bridges the gap between the demand for reliable hostel information and the supply of streamlined, centralized access. • **Index Terms**- User-friendly website, Hostel providers and seekers, Innovative digital solution, Transparency

Index Terms—Hostel Information, User-Friendly Platform, Amenities Transparency, Reliable Decision-Making

I. INTRODUCTION

This is a very exciting but challenging phase in the life of students after college transition. A new environment presents several thorns. Among them, proper accommodation and hostel service is the concern mainly among freshers and second-year diploma students entering a new city or campus. It is confusing to navigate through such an overwhelming maze of options without a consolidated source of information. This Identify applicable funding agency here. If none, delete this.

often results in great delays and frustration. That's where GlamGroves comes in to change the game. Glam Groves is a user-centric web-based platform designed to simplify the process of selecting hostels services near VIIT College. The principle of bridging information gaps is conveniently stated in terms of centralizing all critical details such as hostel vacancies, fee structures, whether water and Wi-Fi

provisions are available, how clean the hostels are, the quality of food served and its quantity, and the proximity of hostels to the campus. This ensures ease for the users when comparing options. Based on the emphasis on transparency and reliability, Glam Groves presents verified user reviews, authentic images, and real-time updates to make the platform trustworthy. It is designed specifically to cater to the needs of students, in particular, with key concerns as safety, security, and access to basic requirements that account for a pleasant stay. The intuitive front-end design of Glam Groves ensures that students are deciding quickly and wisely with less effort. In this regard, Glam Groves has streamlined the search for accommodations as well as played a key role in enhancing the quality of the college experience as a whole. By taking students closer to the providers and to the seekers of hostels, it ensures that every student enters his or her college with strong supporting choices for accommodation.

II. RELATED WORK

A. Literature Survey

The literature review explores the growing need for digital solutions to assist students in selecting suitable hostels, concerning their safety, location, and essential amenities. Several studies have shown that safety is a prime consideration for hostel seekers, while the proximity to academic institutions is another significant factor. Comfort features, such as WiFi, attached washrooms, and quality mess services, are also considered important according to the literature in making decisions regarding hostels. Studies also suggest increased usage of online platforms for hostel information, which values content generated by users, including reviews and photos, as essential in trust building. Lastly, issues common to hostel residents, such as shortages of water and electricity, are commonly overlooked but have immense implications on the experience as a whole. The review concludes that students increasingly prefer digital platforms that integrate detailed hostel information, reviews, and booking functionalities,

which makes a comprehensive solution like Glam Groves designed to satisfy these needs.

B. Reviews and Ratings

Zomato: The platform’s intuitive rating and review system inspired the rating mechanism in Glam Groves. Zomato emphasizes verified user reviews and visual content like average rating, ensuring trust and transparency. This approach was adapted in Glam Groves to allow users to rate and review hostels, providing prospective students with trustworthy information about hostel quality and facilities.

C. Location

NoBroker: Features such as searching based on location, detailed description of properties, and reviews by users have steered the design of Glam Groves. The search feature allowed them to find hostels close to the VIIT college campus and filter down by preferences such as safety, amenities, or pricing. Detailed descriptions are presented in an identical way as found on NoBroker.

D. Detailing

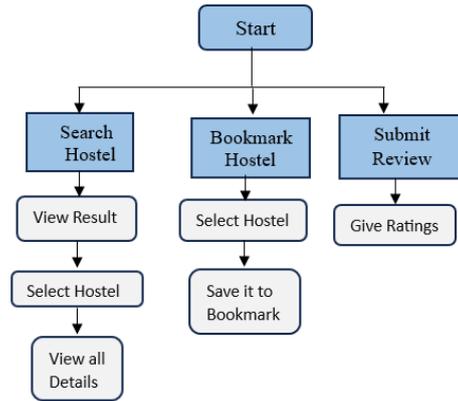
The directory services and review system of Justdial were used as inspiration to design the search and listing features of Glam Groves. The simplicity of displaying essential details such as contact information and reviews for Justdial helped shape the UI/UX of Glam Groves while making access to hostel information easy.

E. Photos Collection of Hostels

We have collected photographs of all the hostels near the campuses of VIIT college. This collection would provide prospective students with a clear visual impression of hostel rooms, facilities, and overall ambiance. Users will be able to take more informed decisions since they would be able to visually access the quality and suitability of a hostel without having to physically visit. This implies openness and trust, so students are provided with a resource they can trust to select accommodations that meet their various expectations.

III. METHODOLOGY

we have used the 5 steps of design thinking to implement GlamGrove. Following are the steps we have considered –



• Empathize -

We targeted students and especially girls seeking hostel accommodation and surveyed and interviewed them to find the pain points.

Key Issues Identified:

1. Difficulty finding safe and affordable hostels.
2. Lack of detailed and accessible information about amenities and costs.
3. No centralized platform for comparing hostels based on user reviews and ratings.

• Define -

Problem Statement:

”Girls face problems in finding good and economical hostel accommodations because they lack a comprehensive platform that provides detailed information and reviews.”

User Needs Identified :

1. Efficient system of searching and comparison.
2. Accurate information on hostel facilities, rates, as well as security.
3. A community-driven review and rating system.

Project Goal :

To create a responsive , user-friendly website for hostel discovery , comparison and reviews specifically tailored for girls.

• Ideate -

Solution Brainstorming :

1. All inclusive hostel listing portal with filters by location, amenities and fees.
2. User-based reviewing and rating systems for feedback and quality assurance.
3. Secure user interface coming with some elementary information of hostels.

Selected Concept :

Developing website Using : Frontend- html, CSS

and Javascript

- Prototype -

Design Implementation :

frontend:

- 1..HTML and CSS: Designing the structure of a neat and aesthetic website.
- 2.JavaScript: Adding an interactive feel, such as dynamic filtering, real-time form validations and responsive ani- mations.

Backend: Use local storage for testing the review system.(Or MySQL)

Key Features Developed :

- 1.Search Bar: which allows easy searching of hostels.
- 2.Hostel Listings: showcasing the necessary details feesand amenities on ratings.
3. Review System: allowing users to give their rating andfeedback.
4. Responsive Design: Optimized for mobile and desktop
5. users.

- Testing -

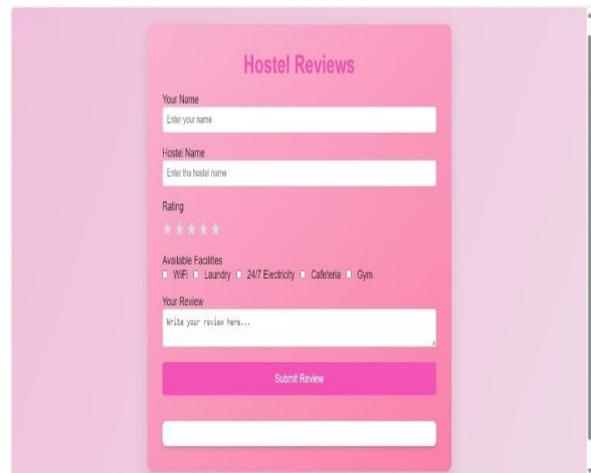
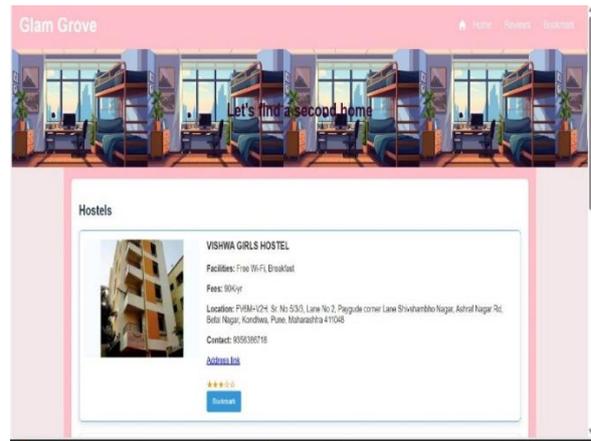
Steps Followed -

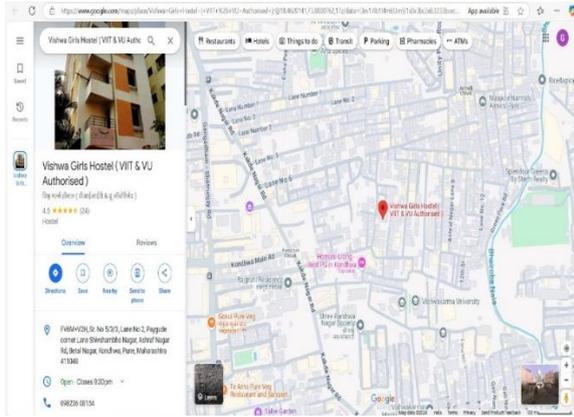
1. User Testing: Involved the students and the hostel owners in the test to obtain feedback on usability and functionality.
2. Feedback Collection: Sought users’ opinions through forms and interviews about improving the interface and features.
3. Iterative Updates: Credited user feedback towards up- dating the design and usability of the platform.

RESULT

Absence of a centralized, easily accessible platform pro- viding comprehensive information about hostels near VIIT College is the significant challenge to freshers. As a response, this research has designed a website using design thinking. Byempathizing with the student’s struggle, defining key needs such as accessibility and convenience, ideating solutions like hostel ratings. we have developed a user-friendly platform. Thedesign will contain information such as detailed descriptions of facilities, cleanliness, quality of food, real photos of hostels, bookmarking and proximity to campus. This way students will be able

to make decisions fast. Our approach accelerates the process of decision-making and saves precious hours for students while choosing accommodation services.





CONCLUSION

The effective application of the design thinking framework to develop Glam Grove—a holistic and user-friendly platform with a focus on the specific needs of girls requiring hostel accommodations. By highlighting some of the more significant pain points, such as being unable to access information within reach, inability to compare their options effectively, or a concern about safety, the project proposed its solution and implemented the gap between hostel providers and seekers.

Having necessary information, a dynamic search functionality, and a community-driven review system, it makes the experience streamlined on the website. This empowers users to make informed decisions and fosters a culture of transparency and continuous improvement within hostel services. Testing ensured that the platform was indeed usable, aligned with user needs and expectations.

Thus, Glam Grove’s pioneering approach solves the challenge of accommodation in a focused, inclusive, and efficient manner. This model serves as a precursor for further advancements in student housing solutions.

FUTURE SCOPE

1) Integration with payment gateways-

Adding payment gateways will give the user the ability to book hostels through online options that could be UPI, cards, and wallets. Secure payment methods like Razorpay or Stripe will make the transactions seamless. Other features like payment plan, refund, and receipt tracking would add convenience and trust to the user.

2) AI driven Recommendation-

Machine learning algorithms can break down the specific user preferences—location, budget, and amenities—for personalized hostel suggestions. This way, the user will see only the most relevant options, which saves him/her time and where AI also adapts to changing user behavior for better accuracy.

3) Collaboration with Hostel Providers -

By partnering with hostel owners, it allows verified listings of real-time availability and exclusive offers for the user. Providers will have the regular update of pricing, facilities, and images to maintain accuracy and foster trust, creating a competitive atmosphere for better services

4) Safety and security features-

A safety rating system can rate hostels according to review security measures such as CCTV, guards, and emergency protocols. Publicizing the availability of nearby hospitals or police stations can help increase trust. Safety Badges: Verification of hostels increases user safety while booking.

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REFERENCES

- [1] Alveera Akmal, Muhammad Sajjad, and Bisma Akhlaq, "RELATION- SHIP OF ADJUSTMENT PROBLEMS WITH QUALITY OF LIFE: A SURVEY AMONG STUDENTS LIVING IN HOSTEL SETTINGS" , 2023-03-04.
- [2] Kinza Yousfani, Bushra Haider, Khushboo Ishaq and Moiz Qureshi, "Exploring the Impact of Personal and Administrative issues Faced by Female Students on Satisfaction Levels with Hostel Facilities and their Influence on Lifestyle: A Statistical Investigation" 2024-06-01.
- [3] Tayyaba Shabbir, Maria Aslam, Hafsa Kamran, Mishal Liaqat and Rija Khan , "Health Concerning Lifestyle and Risky Behaviours in University Going Female Students Residing In The Hostels of Lahore", 2021-06-30
- [4] Zafar Khan, Bushra Salah-ud-Din, Javed Mustafa and Meraj ud Din, , "Development of Social Groups among University Hostel Students" 2024/02/29
- [5] Fanan Jameel, Ahmed Agiel , , "Exploring Students' Emotional Well- Being in the Ideal University Hostel Using the Qualitative Repertory Grid Technique" 2023-09-07
- [6] <https://www.zomato.com/>
- [7] <https://www.justdial.com/>
- [8] <https://www.nobroker.in/>