

Web Application to Enhancing Student Transition to New Cities: A Literature Review of Platforms like StudOut (A Student Move Out)

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Abstract: *In the current era, the transition to a new city for higher education is a significant milestone for students, often accompanied by challenges such as finding suitable housing, navigating transportation, and accessing essential services. Platforms like StudOut aim to simplify this process by providing personalized recommendations and direct reports tailored to the student's college and area of residence. This literature review explores the existing research on such platforms, their impact on student experiences, and the broader implications for higher education institutions and urban planning.*

Keywords: higher education

I. INTRODUCTION

The introduction of rental housing gave rise to a number of apps that dealt with their respective industries, such as the booking of hotels, apartments, and paying visitors. Among the popular applications are NESTWAY, ZOMATO-TIFFINS, OLX etc. We're working on creating an application that will combine all feature into a single one. The user will save data, time, and money with the aid of this integrated platform. Let's look at an example where a first-year student from a different state or area visits a specific location. He obviously doesn't know anything about the location. He must spend hours wandering the area in search of a safe haven and a location with consumable food. While taking exams or doing assignments, he or she must keep an eye out for different stationary stores and other daily activities. If a specific program can solve all of these issues, the user's environment will become incredibly simple and open. Our software will list nearby tiffin services, stationary stores, and rental properties for the specific user with their affordable budget. After visiting our program, the user only needs to input his location to access all the necessary resources for his daily life with a single click.

Simply it is a platform designed to help students navigate the challenges of moving to a new city for their studies. We understand the stress of finding housing, transportation, and essential services in an unfamiliar environment. StudOut simplifies the process, offering a centralized hub to connect students with everything they need for a smooth transition. The platform will focus on affordability and convenience, helping student transitions smoothly into their new environment.

II. OBJECTIVE

To create a user-friendly platform that assists students moving to a new city for their studies by providing personalized recommendation for essential amenities such as rental flats, PG accommodations, tiffin services, second-hand vehicles or cycles, used books, libraries, and more. The platform will focus on affordability and convenience, helping students transition smoothly into their new environment.

III. LITERATURE SURVEY

On the subject of the home renting management system, tiffin services, stationary services, second-hand books and vehicles services we read a great deal of research papers and visited a number of websites. There are a number of systems for web applications that rent out houses already in place. I like to learn about these systems and identify their shortcomings in order to create new systems that address the difficulties that both local and global communities

encounter while resolving rental-related problems. There are a few issues with the current house rental website that make it less user-friendly. They don't have any services on their applications. It's now easier to use and more interactive due to my corrections, improvements, and addition of a few new features and amenities.

Here is a list of a few of the research papers that were reviewed:

[1] Home Renting Web Based Application

Year of publication: - 2023

Objectives:

- Simplify the Renting Process
- Improve User Experience

Advantages:

- Convenience
- Transparency

Disadvantages:

- Only Home Renting System Is Available

Future Scope:

- Global Reach
- Improved Accessibility

[2]Hosteller A Platform for Finding and Booking Hostel

Year of publication: - 2021

Objectives: -

- Simplify Hostel Booking

Advantages: -

- Transparency

Disadvantages: -

- Quality Control
- Competition (Booking.com, etc)

Future Scope: -

- Improved Accessibility

[3]Web application for booking paying guest & explore mess and stationery in the nearby location

Year of publication: - 2020

Objectives: -

- Centralized Booking System
- User Reviews and Ratings

Advantages: -

- Transparency

Disadvantages: -

- Local Limitations
- Vehicle facility is not available

Future Scope: -

- Improved Accessibility
- Considering the fact that their system was created in this manner, we created such an application which provides the all-necessary services that can essential for the student for surviving to new city. We overcome those disadvantages that faces by those applications.

IV. METHODOLOGY

EXISTING SYSTEM

Many existing platforms focus on specific services, such as rental listings or transportation booking. Students need to navigate multiple websites to find all the resources they need. As a result, this application has been left.

Out into the system. If someone uses NESTAWAY to book a room as a paying guest based just on their location, and NESTAWAY only offers the particulars and services of the hotels, they won't be able to locate a good feeding area. As both housing and food are correlated, booking a hotel in a location by not a feeding area nearby will be pointless.

As a result, even while the current system solves the issue, it does so in a nervous difficult, and time-consuming manner, which suggests that we build an application based on the methodology for merging various platforms.

Users can use applications like ZOMATO to find, rate, and visit places

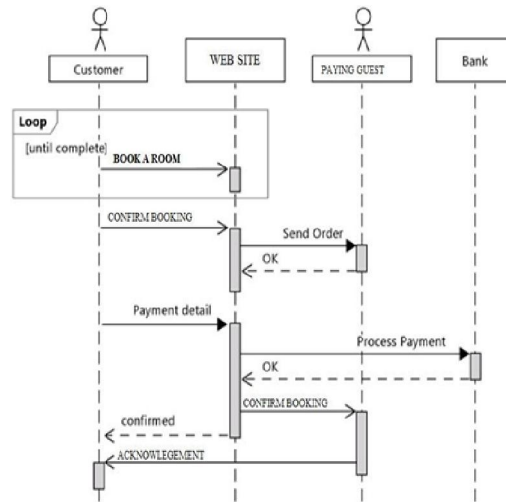
however, there are currently no solutions to find stationary stores and second-hand vehicles nearby

DISADVANTAGES OF EXISTING SYSTEM

- The lack of communication.
- High knowledge utilization.
- Time consuming For Different interfaces for different tasks

V. SEQUENCE DIAGRAM FOR EXISTING SYSTEM

[1] Fig-1 Sequence Diagram



VI. CONCLUSION

StudOut provides a valuable solution to the challenges faced by students transitioning to a new city. By offering a centralized platform for essential services and fostering a supportive community, StudOut aims to make the transition smoother and more enjoyable.

REFERENCES

- [1]. IJSRST –An International Peer-Reviewed Journal (Hostel and PG Finder Application)
- [2]. IRJET- International Research Journal of Engineering and Technology (Web application for booking paying guest & explore mess and stationery in the nearby location)
- [3]. IARJSET-with DOI Engineering, Scientific journal (Hosteller -A Platform for Finding and Booking Hostel)
- [4]. IJSRST –An International Peer-Reviewed Journal