**PRIVATE HOSTEL ASSISTANT**

**A REPORT on project baSED LEARNING**

**(semester -II)**

*Submitted by*

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**FIRST YEAR ENGINEERING**



# Society for Computer Technology and Research’s

# PUNE INSTITUTE OF COMPUTER TECHNOLOGY

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**Abstract**

This project is useful to all the students who comes from outside Pune or who lives far away from PICT College. Because of lack of accommodation in PICT college hostel, students have to find the private hostels, so we tried to develop a website that can help the students to get all the information of private hostels near PICT College.

This website will provide all facilities which students and their parents demand. It is very easy to get you all the information in one click only. We have taken many reviews from the students who lived and have experience of living in private hostels. We provided all good and the best quality hostels near PICT College, which are having all the facilities and have a good and safe accommodation for the students.

**ACKNOWLEDGEMENT**

We express our sincere gratitude to **Dr. P.T. Kulkarni** (**DIRECTOR-PUNE INSTITUTE OF COMPUTER TECHNOLOGY**), **Dr. R. Sreemathy** (**PRINCIPAL-PUNE INSTITUTEOF COMPUTER TECHNOLOGY), Prof. E. M. Reddy (H.O.D.-FIRST YEAR ENGINEERING)** for encouraging us to take part in Project Based Learning (PBL) under the guidance of **Prof. E. M. Reddy** acknowledge with thanks the kind of patronage, loving inspiration, and timely guidance which we have received from all the teachers and professors that made this project possible and helped us at the 11thhour. We express deep and sincere gratitude to **Prof. E. M. Reddy** whose guidance, encouragement, suggestions, and very constructive corrections have contributed immensely to the evolution of the ideas involved in the project. We also express immense respect and gratitude to **Prof. Bhavana Vyas** madam who provided us with the necessary material for the project. We would also like to express our heartfelt thanks to our friends and families who helped us in this project and supported us in our times of need by providing valuable information.

**INTRODUCTION**

In the PICT College there is a lack of accommodation and some students can’t afford it. Finding a private hostel near PICT College is a difficult task. It involves too much time. Even if they get it by any ways, sometimes it may not suitable for student as their expectations about facilities and price. So we decided to work on a website related to private hostels near PICT College. We have got 20 private hostels near PICT College, which consist of 15 boy’s hostel and 5 girl’s hostel. In this website we provided a sufficient data of respective private hostel as follow:-

* Name
* Contact
* Fees
* Address
* AC rooms
* Available for Boys or Girls
* Hot Water
* Occupancy Option- Twin Sharing, Single room bed, triple Sharing
* Single Bed per Head
* Private Cupboard
* Wi-fi
* CCTV Surveillance
* Purified drinking water(RO)
* Cleaning of rooms
* Gate opening/closing Time

**Why we choose this project?**

When we were admitted to the college, we had a hard time for finding private hostels or PG’s outside the campus. We wasted a lot of time for finding private hostels.

This is a major problem that new students face when they enter in college. They waste lot of time and money for finding the accommodation. We thought that, it’s a time to find easy solution on this problem.

**OBJECTIVES:-**

1. Helping the students to compare and find the hostels for free.

2. No middleman will be involved. So students will be saving the brokerage.

3. Students just need an Internet connection for finding and comparing among hostels.

4. Time, money and energy is saved while searching and visiting all hostels.

5. Students will be able to compare and select the hostel on basis of pricing and facility among a large number of hostels available on the website.

6. Our team will try to locate all the hostels nearby PICT by visiting them and gathering the info physically instead of using any form.

7. Hostel owners will be able to reach out to a large group of consumers simply by listing their hostel on a website. This will also save their efforts of finding customers which they do by distributing their visiting cards.

**LITERATURE SURVEY**

1. **Origin of Concept:**

# As the number of colleges were increasing day by day the demands for private hostels and PG’s started increasing as per needs of students and the brokers or middlemen started taking advantage of unawareness of students and parents regarding the quality and services. Then some of the hostel companies arrived and tried to privatize this domain.

# As we searched for our hostels and rooms, we faced issues regarding brokerage and lost of time and energy at the same time. That has given us

1. **Existing System:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Title | Author | Year | Aim/Objective | Gaps/Problems |
| Hostel Finder | Karan Patel | June | Goal of the | Maintenance |
| Web |  | 2020 | system is to | of web |
| Application[4] |  |  | increase | application is |
|  |  |  | quality of | not up-to-date. |
|  |  |  | education |  |
|  |  |  | system, it |  |
|  |  |  | allows student |  |
|  |  |  | to find hostels |  |
|  |  |  | on basis of |  |
|  |  |  | their location |  |
|  |  |  | and area. |  |
|  |  |  | Hostel owners |  |
|  |  |  | gets to |  |
|  |  |  | showcase their |  |
|  |  |  | facilities and |  |
|  |  |  | services or |  |
|  |  |  | types of rooms |  |
|  |  |  | available at |  |
|  |  |  | their place. |  |
| Hostel | Mohammed | 2009 | A software | It is working |
| Management | Shahir |  | developed for | only for |
| System[1] |  |  | managing | allocating the |
|  |  |  | various | rooms and not |
|  |  |  | activities in | for dining |
|  |  |  | the hostel, | options and |
|  |  |  | allocating | also not in |
|  |  |  | rooms. | vicinity of |
|  |  |  |  | PICT. |

.;;;;

**UML Diagram:-**

Check Hostels

Admin

User

Manage Hostel

Update Hostel Data

View Profile & Gallery

Place: Name of Student (in Capital) & Sign

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**Nomenclature**

|  |  |  |
| --- | --- | --- |
| Aa | Average area of fin | m2 |
| Ab | Area of base plate | m2 |
| As | Surface area | m2 |

**Chapter 1 (size: 12)**

**INTRODUCTION (chapter name in UPPERCASE, size: 14)**

(The main text should be divided in number of chapters and each chapter may further be divided into several divisions and sub-divisions.)

**Chapter 7**

**CONCLUSION**

**REFERENCES**

**(**it must be listed in alphabetical order of first author, follow the sequence shown below**)**

[1] Starner K. E., and McManus, H. N., “*An Experimental Investigation of Free Convection Heat Transfer from Rectangular Fin Arrays*,” Trans. ASME, Ser. C: J. Heat Transfer, 85, pp. 273–278, 1963.

[2] Harahap F., and McManus, H. N., “*Natural Convection Heat Transfer from Horizontal Rectangular Fin Arrisays*,” Trans. ASME, Ser. C: J. Heat Transfer, 89, pp. 32–38, 1967.