



AhsanULLAH University of Science and Technology

Department of Computer Science and Enineering

CSE3200: Software Development-V

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PROJECT PROPOSAL

Bachelors Home

Lab Section: B1

Group: 6

Submitted by

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1 Introduction

As we all know that for education or seeking hope and a job, people and students come from rural places to towns. So, sometimes it becomes too difficult to find a suitable room/seat. The number of university halls are not sufficient enough for both boys and girls. So, we have made our website where bachelors can easily access and select their requirements to find a room or apartment in their suitable location near their study or workplace.

1.1 Objective

The number of university halls are not sufficient enough for both boys and girls. In Dhaka around 55 lacs bachelor people and among them 20 lacs students. Others are Govt. employee or garments worker etc.(Source: Jugantor 21st January ,2022)

What our project will do:

- we make a website based system and try to help bachelors to find their suitable room or shared room with suitable room-mate through our website from anywhere, everywhere.
- You can search for a room in your desired location like near your working place or educational institution.
- Our application will help to find suitable seats and room-mates for bachelors and reduce the anxiety of parents and if that happens, our purpose and objective will be fulfilled.

What problems may be addressed through our project:

- The bachelor's home website aims to address various challenges faced by bachelors in managing their living spaces.
- It provides solutions and resources for problems such as lack of organization, home maintenance challenges, decorating dilemmas, lifestyle management issues, budgeting and finance concerns, entertaining and hosting dilemmas, and technology integration difficulties.
- The website offers practical advice, tips, and inspiration to help bachelors create and maintain a well-organized, functional, and stylish home environment that suits their individual needs and preferences.

Which form of human life will be influenced by our project:

- The Bachelor Home website has the potential to influence the lives of single individuals who are actively seeking housing or accommodation.
- The Bachelor Home website can contribute to building a sense of community among single individuals.
- It can facilitate connections and interactions between users, enabling them to find like-minded roommates or participate in community events and activities.
- This aspect of the website can have a positive impact on individuals' social lives and overall well-being.

1.2 Motivation

We all have witnessed someone in their bachelor phase struggle with places and rooms to stay at. But now that we are at this phase of our lives, we realized how much of a hassle it is. That is what motivated us to work on this project and come up with this idea where we tried to make this process easier.

2 Proposed Features

Our project mainly website based project to solve the problems of bachelors. So we have various search optionlike, search by location, filter by occupation, filter by monthly fare etc. Here I give our project features below:

- i. Login & Registration
- ii. Post for room-mate with room details and environment
- iii. Upload room or seat picture keeping same resolution
- iv. Search for room/ seat
- v. Filter by categories
- vi. Notification of acceptance
- vii. Rating of users
- viii. Feedback from users
- ix. Help and support from Administrator

3 Entity-Relationship Diagram

ERD of our project is given below:

