

**LA GRANDEE INTERNATIONAL COLLEGE**

**Simalchaur , Pokhara Nepal**

A Project Proposal

On

Aawas

**Submitted to:**

Bachelor of Computer Application (BCA) Program

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Pokhara University

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# Introduction

Aawas is a web-based application that allows users to find the homes and rooms according to their requirement and wants. Further, it allows the landlords to advertise their vacant space to let it for renting using this site. Users can filter their wants and can get a perfect household for themselves and for their families or just a commercial space where a nice office setup can be established. Users can analyze the rate of rooms and go further as per their requirements with appropriate deals. The Motto of this site is “Secure Your Comfort Living”. This site focuses on complete transparency, convenience to the users and ease for landlords to select the appropriate candidates as the tenants for their household. The prime motive of this site is to save the valuable time of both the seekers and the renters. Just browsing through this website can provide someone a space to live in and for some to let it for rent.

Aawasis a one stop platform for providing accommodation to students, professionals, travelers and families. This site offers a diverse option ranging from individual rooms to Apartments and Shared Rooms with cost-economic and affordable alternatives. Further, the User-Friendly Interface allows for easy navigation through smart search filters, enabling precise matching based on location, price, amenities, and accommodation types. Real-time updates ensure access to the newest availabilities, eliminating outdated options. Secure messaging facilitates direct communication between users and Landlords, streamlining enquiries and booking processes. It’ll mitigate the problem of manual searching of rooms and apartments and create ease for people to find a perfect home for their living. It includes all the real worlds entities of Rental Services.

# Problem Statement

In today's fast-paced world, finding a place to stay can be a big problem for students, workers, and other people. The current websites and apps for finding accommodation aren't always easy to use and don't always have what people need. Users often struggle to find what they're looking for among a large no of listings, and sometimes the information is old or out-of-date. It's also hard for users to talk to the people renting out the places they're interested in.

Because of these problems, people waste a lot of time and effort searching for a place to live, and they might end up feeling unsure about their choices. What's needed is a new platform that's easy to use and puts users' needs first. This platform should keep information up-to-date in real-time and make it easy for users to communicate with property owners. With a better system in place, people can find the perfect place to live quickly and confidently.

# Objectives

# Methodology

For the development of Aawas Site we use the iterative model. Iterative model is one of the popular model for development of projects. Iterative model starts with a simple implementation of a subset of the software requirements and iteratively enhances the evolving versions until the full system in implemented.

Iteration 1

Problem identification

Requirement analysis

Iteration 2 Iteration 2

Documentation

Maintenance

Coding

Implementation

Testing & Debugging

Design

Coding

Implementation

Testing & debugging

Implementation

Testing & debugging

Coding

Design

Iteration 3

Design

Figure 1: Iteration model

# Project Gantt Chart

Figure 2 : Gantt Chart

# Deliverables

After a system is created, there are certain expectations to be fulfilled by it for it to be called a successful system. Even though one system can never quite fulfill all the requirements or criteria of every single employee and there are some criteria that can be lifted fulfilled.

* Fully functional web application accessible on both desktop and mobile devices.
* User-friendly interface with intuitive search filters for browsing accommodation listings.
* Real-time updates for listings to ensure users have access to the latest available options.
* Secure messaging feature enabling direct communication between users and property owners/managers.
* Streamlined booking process, facilitating inquiries, negotiations, and reservations within the platform.

# References