

HOME AWAY

1. INTRODUCTION

1.1 Purpose of Document

This is a Requirements Specification document for a new webpage for Home Away (HA) an online marketplace that connects people who want to rent out their homes with people who are looking for accommodations in specific locales our website will give clear information. This web page offers people an easy, relatively stress-free way to earn some income from their property. This document describes the scope, objectives, and goals of the project. In addition to describing non-functional requirements, this document models the functional requirements with use cases, interaction diagrams, and class models. This document is intended to direct the design and implementation of the target system in an object-oriented language.

1.2 Project Summary

Project Name: Home Away

Project Manager:

Kavya Sri Lolla - S20210010117

K.D.P.S.Harshitha - S202100116

Sai Swetha.M - S20210010143

Rishith - S20210010

Pavan - S2019

1.3 Background

Home Away acts as a platform for hosts and travellers. You can highlight your property's most prominent features and include your unique selling propositions. You can also provide details about the location, proximity to attractions, and target audience. Here, hosts can describe their listing in greater detail, including room-by-room descriptions, details about amenities, additional house rules, check-in, and check-outs. The guest will have access to during their stay, how they will access the property in general. Here, you can include anything else the guest needs to know about during their stay at your property, for example, additional fees.

Problems in the current system include:

- The information on the website is too limited
- Maintenance of database

1.4 Project Scope

The scope of this project is a web page system that provides accommodation services to people. It lets property owners rent out their spaces to travellers looking for a place to stay.

1.5 System Purpose

1.5.1 Users

Those who will primarily benefit from the new system include

Admin:

Hosts:

Guests:

1.5.2 Location

The system will be available to any potential customer using the Internet. Customers from any location will be able to access all the areas of the site.

1.5.3 Responsibilities

The primary responsibilities of the new website:

- Provides guest with an in-depth description, along with multiple photos, pricing and location details so that they can choose according to their convenience.
- Provides online conversation (chat box) which creates a strong communication and a highly effective support network for travellers.
- Provide review and rating system which helps the guest to know better about their stay priorly.

Other desired features of the website:

- Search by mentioning the destination.
- a consistent "look and feel" throughout the website

1.5.4 Need

The Home Away is to find a way for local people to make some extra money renting out their spare home to people visiting the area. And for guests, it can offer a homey place to stay.

1.6 Overview of Document

The rest of this document gives the detailed specifications about this project. It is organized as follows:

- Section 2: Functional Objectives

Each objective gives a desired behaviour for the site, a business justification, and a measure to determine if

the final website has successfully met the objective. These objectives are organized by priority. In order for the site to be considered successful, all high priority objectives must be met.

- **Section 3: Non-Functional Objectives**

This section is organized by category. Each objective specifies a technical requirement or constraint on the overall characteristics of the website.

- **Section 4: Context Model**

This section gives a text description of the goal of the system, and a pictorial description of the scope of the system in a context diagram. Those entities outside the system that interact with the system are described.

- **Section 5: Use Case Model**

The specific behavioural requirements of the system are detailed in use cases. Each use case accomplishes a task and shows the interaction between the system and some user. The use case is described in text.

2.Functional Objectives

2.1 High Priority

- The system provides service of online accommodation letting.
- A login page will be provided for both guest and host to create an account on our website. If already account is created he/she can login by username and password or else can signup.
- Few home pics will be available on the main page and can also be searched and when the guest clicks on that it will direct to the page which consists of all the facilities available and further rules and regulations to stay.
- The guest can also view the entire bill for his stay by entering the check-in/check-out dates and additional facilities if taken before confirming the home booking.
- The cancellation of booking option will also be provided if there is any change in the opinion of the guest.

2.2 Medium Priority

The system shall provide a search facility that will allow full-text searching of web pages that the user is permitted to access. The system must support the following searches:

- Search using all words specified
- Search using any word specified
- Search using the partial string

2.3 Low Priority

- When the guest searches by entering the destination it will direct to a page where we will provide all the available rental homes in that place with multiple images and mentioning the cost to stay per day.
- In the website we will also provide the ratings of each and every home. Then we will provide an option for our guest to rate after staying. Based on that we will update the ratings of the home on our website. If multiple guests give ratings then we will take the average of all the ratings and update the ratings Accordingly.