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**Web Development Tools & Methods**

**“HomeStay – A home away from home”**

**Overview**

The project aims at providing an online marketplace, HomeStay, for finding and booking lodging at affordable prices. This platform would help tourists to browse and book independent homes or rooms which are listed by other users. The objective is to allow owners to list their properties on HomeStay which would be visible to users who are looking to book it for a fixed duration of time.

**Supported Roles & Features**

**Role 1 – Owner**

Register/Login

Create a listing for their property

Update/Delete an existing listing such as availability, pricing, etc.

Retrieve bookings for a given property

Review earnings made over a period of time

**Role 2 – Customer**

Register/Login

Browse properties based on the searched location

Add/Remove properties to the wish list

Create a new booking

Update/Delete an existing booking

View booking history

**Role 3 – Admin**

Approve/Remove Owner’s account

Approve/Remove any of the owner’s property

**Technology**

1. Frontend – HTML, CSS, JavaScript, JSP, Bootstrap
2. Backend- Spring MVC, Hibernate
3. Database - MySQL