# Hotel Recommendation System

## Overview

The Hotel Recommendation System is a software system designed to help users find and book hotels based on their preferences. The system uses a combination of user input and data analysis to recommend hotels that are likely to meet the user's needs

## User Interface

The user interface for the Hotel Recommendation System is an application that Users interact with the system by filling out a form that includes the following field:

* Destination: The city or region where the user wants to stay.
* The purpose of travel: is the goal or objective that a traveler intends to achieve by traveling to a specific destination.

Once the user submits the form, the system uses the input data to generate a list of recommended hotels.

**Data Sources**

The Hotel Recommendation System uses a variety of data sources to generate hotel recommendations and this data is taken from the website kaggle and consists of 515,000 comments on various hotels.

**Technical Details**

The Hotel Recommendation System is built using a combination of programming languages and technologies. The system is designed to be scalable and fault-tolerant, with the ability to handle a large number of user requests.

The system is built using the following technologies:

- Programming languages : Python

- Natural Language Processing

**Conclusion**

The Hotel Recommendation System is a powerful tool that helps users find and book hotels based on their preferences. With its user-friendly interfaceand sophisticated recommendation algorithm, the system provides users with personalized recommendations that are likely to meet their needs. By using a combination of user input and data analysis, the system is able to generate recommendations that are tailored to each user’s preferences, making it a valuable resource for anyone looking to book a hotel.