Group 4

Members:

|  |  |
| --- | --- |
| Marvin Muhoro | ENE211-0029/2020 |
| Faith Cheboi | ENE211-0196/2019 |
| Jackline Waswa | ENE211-0227/2021 |
| Kevin KIbet | ENE211-00198/2021 |
| Winstone Churchill Olewe | ENE211-0057/2021 |
| Freda Atieno | ENE211-0271.2021 |

**PROJECT PROPOSAL**

**HOTEL MANAGEMENT SYSTEMS**

A hotel management system is one the hotel functionalities that need to be automated for easy reach by clients and even ease the operations within. We plan to develop a program with the following features

* Management of rooms
* Checking in
* reserve available rooms
* search customer
* check out room
* get guest summary report

with the features listed the only thing a user has to do is enter their details when they want to book – with proper validation for every field added.

With this contactless check in system, there is communication with the guest regardless of the location they booked from. Almost all guests will use public transport from the airport, this program will take control of the guest experience with the check-in coordination tool.

This tool also allows for faster changes in duration of stay with billing being added for the days overstayed and the change in preferred room.

**METHODOLOGY**

* The program’s first user interface is customer registration details with proper validation then the user can proceed to access the features.
* The user then can book a room depending on the price difference, having the VIP and the regular rooms
* The user can then choose the check-in time according to the availability of the rooms and duration of stay , thereafter he can choose whether or not he needs transportation from the airport.
* The user will then be prompted to enter the means of payment whether through cash or he keys in credit card details.
* After period of stay the user will have to check out to complete billing of the days stayed.
* The admin will have a dashboard to check the records of number of customers checking in per day and the rooms still available for sale.
* The admin will have a summary report of the guest at the end of the day