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| **SEMESTER: First Semester** | | | **Fall-2021** | **Class and section:**  **1-A** | | **2021** |
| **TITLE OF PROJECT** | | | | | | |
| **Hotel Management System** | | | | | | |
| **Group Members** | | | | | | |
| **S#** | **Student(s) Name** | | | | **Registration Number** | |
| **1** | **Anas Ahmed Qureshi** | | | | **02-134212-042** | |
| **email:** | | **anasahmedcp@gmail.com** | | **No:**  **0331-2150242** |  | |
| **2** | **None** | | | |  | |
| **email:** | |  | | **No:** |  | |
| **EXECUTIVE SUMMARY OF PROJECT PROPOSAL** | | | | | | |
| * This application helps you to book rooms in the hotel or to search or tracking id of any customer you are trying to find. | | | | | | |
| **PROJECT PURPOSE, SCOPE AND OBJECTIVES** | | | | | | |
| * The main purpose or objective of this project on Hotel Management System is to manage the details of rooms, customers, booking and other services of the hotel. This project helps to reduce the work manually and this application is very useful even you are a distance away or far from that place. This is very useful for the customers for booking or reserve the hotel rooms for their work or for any other purpose. | | | | | | |
| **PROJECT DESCRIPTION (most important part)** | | | | | | |
| * I will use condition statement to use conditions in the program like if, else switch statements in this program. It also includes variables/identifiers plus data types and it also include loops like for, while or do-while loop for the repetition in program like to book more than one room or delete record or for the updatation in the program. It will also include pointers and functions in which the given program the functions are call in main and the pointers are helps to pass the exact values. The structures and linear search are also the part of this program for tracking the id or to search the customer if it is available in the booking record. The structures help to make the program easier to solve and make less error in your program and some other methods as well for making this program more comfortable and easier to understandable and usable for the users. * I am sure that you will accept this program because this program will definitely help you to book or serve the room in any of the hotel you want even if you are far away. | | | | | | |
| **TEAM PROFILE** | | | | | | |
| * I will make this program individual because it will helps me more to make program in sense of mine like I do not want to make group because it is not easier for me to maintain the code within the group than the individual and in this case I will give my best for this program and for presentation. | | | | | | |
| **ASSUMPTIONS AND CONSTRAINTS** | | | | | | |
| * The assumptions and constraints in this program is to book a room, it is basically depending on your choice weather you want to book one room or multiple rooms. It will also display the available and booked rooms in the hotel and if you want to search the customer it will also help by giving them just id. I you want to delete or update the record it will also works. Basically this program is designed to book rooms in the hotel online and to reduce the work load manually. | | | | | | |
| **PROJECT DELIVERABLES NOT CHANGEABLE** | | | | | | |
| **Deliverables include**   * Software Project Proposal. * Project progress * Project report * Team member’s work, as per their contribution, you should have to be honest with your future. | | | | | | |
| **Time Line** | | | | | | |
| |  |  |  | | --- | --- | --- | | **ITEM** | **DATE** | **SIGNATURE** | | Group Member Names |  |  | | Project title |  |  | | Project Proposal + classes name |  |  | | Project Structure Diagram + Data Sample |  |  | | Project Prototype |  |  | | Project Review 1 |  |  | | Project Review 2 |  |  | | Project Submission |  |  | | | | | | | |

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| **For Teacher Use Only** |

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| **REMARKS** |
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| **Course Teacher** |  | **Signature** |  | **Date** |  |
| **Name** |  | **Signature** |  | **Date** |  |