Project Charter

|  |  |  |
| --- | --- | --- |
| **Title of the Project:** | Hotel Management System for Gayana Hotel | |
| **Campus & Batch:** | Malabe  6.2 Weekday | Group No: T85 |
| **Development Technology:** | Mern Stack Technology | |

**Description of the Project:**

|  |
| --- |
| To carry out our ITP project this semester, we undertook to create software system for a hotel management system for the Hotel Gayana which is in Tangalle as our client. Hotel Gayana is a banquet hotel, and it is specifically made for room reservations with a high standard of service to the customers. Previously the tasks which were functioning in this hotel such as controlling, monitoring, maintaining, and scheduling the hotel activities have been carried out manually and in our project, such tasks as Hotel Room Management, Banquet Hall Management, Restaurant Management, Transport Management, Room Reservation, Employee Management, Inventory Management, Service Management, and relevant report generation functions should be designed in such a way that they are run with the help of the newly developed software system.  Simply all the above-mentioned operations can be done with the use of this single software system via online. Features of this hotel management system are come up with an attractive user interface and combined with strong search entries and reporting capabilities. Also, this is very user-friendly, and this software system allows users to perform their tasks such as accessing and storing data, doing calculations, and collecting feedbacks within a remarkable time period. For instance, Admin of this system can manage the booking requests of the customers. In other hand, customers can make requests for room reservations with the use of this software system.  In consequence, this system is useful for both managers and customers to do and manage their tasks and all the hotel activities in a portable way. |

**Details of the Group Members:** *(Provide the details of the group leader in the first row)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name with Initials** | **Registration Number** | **Contact Phone Number** | **Email** |
|  | Navojith T. | IT21489464 | 0710173473 | [it21489464@my.sliit.lk](mailto:it21489464@my.sliit.lk) |
|  | Adhikari A.M.N.H | IT21469046 | 0779409038 | [it21469046@my.sliit.lk](mailto:it21469046@my.sliit.lk) |
|  | Silva H.G.LR | IT21509186 | 0702155472 | [it21509186@my.sliit.lk](mailto:it21509186@my.sliit.lk) |
|  | Fernando K.A.T.N | IT21361340 | 0762987525 | [it21361340@my.sliit.lk](mailto:it21361340@my.sliit.lk) |
|  | Gangabadage U.D | IT21157400 | 0779066262 | [it21157400@my.sliit.lk](mailto:it21157400@my.sliit.lk) |
|  | Monali G.M.N | IT21360428 | 0722415616 | [it21360428@my.sliit.lk](mailto:it21360428@my.sliit.lk%20) |
|  | Dias A.H.S.G | IT21305214 | 0701609467 | [it21305214@my.sliit.lk](mailto:it21305214@my.sliit.lk) |
|  | Nathasha W.L.R | IT21913860 | 0705286074 | [it21913860@my.sliit.lk](mailto:it21913860@my.sliit.lk) |

**List of Functions Developed by the Group Members:**

|  |  |  |
| --- | --- | --- |
|  | **Name with Initials** | **Brief Description of the Function** |
|  | Navojith T. | **Room reservation and booking management.**  This function allows guests to view available rooms, check room rates, and make reservations online. It also allows hotel staff to manage reservations, including confirming, canceling, and modifying them. |
|  | Adhikari A.M.N.H | **Wedding and banquet hall**  This allows to make bookings for weddings and functions and the details of the date, time, number of guests, hall type, and the types of cuisines have included in this system. The system administrator or the staff member can handle and assist in users finding their best choices. create and store information about weddings, banquets, menus and etc. Display and update of these data set. Move details in another location and remove the details after the function. |
|  | Silva H.G.LR | **Room and rate management**  This function allows hotel staff to manage room inventory and pricing, including adding or removing rooms, setting room rates, and managing room availability. |
|  | Fernando K.A.T.N | **Billing and invoicing**  This function allows hotel staff to manage guest billing, including charges for room rate, taxes, and additional services, as well as generating invoices and handling payments. |
|  | Gangabadage U.D | **Inventory and supply management**  This function allows hotel staff to manage inventory and supplies, including ordering, receiving, and stocking items, as well as tracking inventory levels and usage. |
|  | Monali G.M.N | **Customer relationship management**  This function allows hotel staff to manage guest information, including contact details, booking history, and preferences. It also allows hotel staff to communicate with guests through email and SMS. |
|  | Dias A.H.S.G | **Employee management**  This function allows hotel staff to manage employee information, including contact details, schedules, and roles. It also allows hotel staff to manage employee access to the system, assign tasks, and track employee performance. |
|  | Nathasha W.L.R | **Restaurant Management**  This function allows hotel staff to manage all the restaurants of the hotel. This system manages all the dine-in reservations, takeaway and delivery orders based on the ordered date and time. It is important to keep a track of the restaurant details by this system. Create and manage food category and menu item, arrange table with its seat capacity. KOT and BOT options are included . |