

**Department of Computer Science**

Term Project Proposal, Summer 2021-22

|  |  |  |  |
| --- | --- | --- | --- |
| Course | OBJECT ORIENTED PROGRAMMING 1 [R] | Group | 01 |

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Student ID | Name | Contribution |
| 22-47069-1 | Faysal Ahmmed | 100% |
| 22-46705-1 | Malek Al Julkar Nine | 0% |
| 22-46781-1 | Sarker, Tah Yeamin | 0% |
| 22-46591-1 | Emon Kumar shil | 0% |
| 22-46618-1 | Tawhid Hasan | 0% |

**Project Title:**

|  |
| --- |
| Hungry Heroes |

**Project Description:**

|  |  |  |
| --- | --- | --- |
| * User\_1(Admin) * Admin login & Auto view admin data * Add user * Delete user * View user data * User\_2 (Members) * Login * Sign Up * Choose restaurant (6 Restaurant with 6 menu) * Theme Change * Order Food * Make Payment * Print receipt * View user data | | |
| **Project Requirements** | | |
| * At least 2 types of Users * Object Oriented Programming Concepts * Display Features | * Insert * Delete * Search | * Package * Exception Handling * File I/O |

**Instructions:**

* Fill up *name, id, section, project title* and *project description* area.
* Mention all the **Entities** and **attributes for each Entity** clearly in your Project proposal.
* Specify how many **roles** are there in your system what are their **individual functionalities**.
* Please don’t select anything for **Requirements** section.
* Your project must fill all the requirements given in the requirement section.

|  |
| --- |
| **Elaborated Project Description:**   * User Features |

|  |  |  |
| --- | --- | --- |
| **Use Feature Name** | **Actor** | **Feature Story** |
| Admin login & Auto view admin data | Admin | An admin can login and view details about him such as his name, password, and age. |
| Add user | Admin | An admin can add a new user to give access to the user to the program's features by providing a name, password, and email address. |
| Delete user | Admin | An admin can remove an existing user to remove access from the program's features by selecting that user's data from a table. |
| View user data | Admin | An admin can view all users' data at once through a table where all the details are displayed. |
| Login | Member | As a user of the system, one can login to the system to access the features of the system. |
| Sign Up | Member | To become a user of the system to access the features of the system, one can create an account. |
| Choose restaurant | Member | A user can choose a restaurant as per their needs. There are 6 five-star restaurants available. |
| Theme Change | Member | From a color picking chart, a user can choose a background color as they prefer. By default, the background color is Black. |
| Order Food | Member | A user can see the price and select the quantity of food for ordering food from the selected restaurant menu. |
| Make Payment | Member | A user can see the price of their ordered food and make payment using a master or visa card. |
| Print receipt | Member | A user can print the ordered items' name and their payment information. |
| View User Data | Member | A user can view its information, such as name, password, and email account creation time. |