**Department of Computer Science**

Mid Semester Project Proposal, Fall 2021-22

|  |  |  |  |
| --- | --- | --- | --- |
| Course Title | WEB TECHNOLOGIES | Section | O |

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Student ID | Name | Signature |
| 19-41168-2 | MD. MEHEDI HASAN | Mehedi Hasan |
| 19-41191-2 | ASHIQUR RAHMAN | Ashiqur |
| 19-41192-2 | MD. AL MAKSUD ALAM | Maksud |
| 19-41212-2 | MD. AHSAN NAYEM | Ahsan |

**Project Title:**

|  |
| --- |
| Digital Internet service provider System |

**Short Description:**

|  |
| --- |
| A corporation that provides Internet connection to customers is known as an Internet service provider (ISP). We make site for ISP. There are provide internet connection, manage connections, bill management, line management and manage all users by admin. So, there are  Four type of user:  1. Admin  2. Customer  3.Manager  4.Line man  Common features for all users:   1. Registration 2. Login 3. Profile (update-view) 4. Change Password 5. Forget Password (Change password   **Admin:**     1. Provide packages (Users buy packages from Admin who create and provide packages) 2. Control package (Make suitable packages and control all packages which are connected to users) 3. Mail box (where he is connected with users for communication) 4. Line management (Communicate with lineman to inform problem and receive update about problem) 5. All user profiles control (Control everyone account settings and also can add/delete users) 6. Log out   **Customer:**   1. Pay bill (paying bill for packages though this site/ Digital payment) 2. Inform problems (complain problem or inform if face any difficulties) 3. Buy package (This feature is only for first time users) 4. Change package (when they want to shift one package to another package) 5. Rating/ Feedback (About site and system) 6. Mail box (Where they get mail about expire date of payment and temporary off the account due to payment issue) 7. Log out   **Manager:**   1. Receive bill 2. Validation action (check customer pay their bill in time or not) 3. Notify customer (manager will message customer to pay the bill in time with mentioned expiry date) 4. Receive lineman requests (received a request from lineman if need any component or anything) 5. Salary management (Allot wages for admin and staffs of systems) 6. Log out   **Line man:**   1. Received commands (Receive a command from admin to sort out the problem) 2. Send confirmation (Solve the problem and send confirmation to admin) 3. Equipment requests to manager (if need any component or anything) 4. Available task list (Admin assigned task for lineman) 5. Personal request (if he need off day or anything else then make request to manager) 6. Log out |