***Functional Requirements of Gym Management System:***

Functional requirements may be expressed as functions, services or tasks or which system is required to perform. The following subsections illustrate functional requirements to be fulfilled by the proposed system.

|  |  |
| --- | --- |
|  |  |
| User | * Create Account * Log In * Add client * Remove client * View client status * View client history * Print the bill |
| Admin | * Add new Product * Delete new Product * Add new trainer * Delete new trainer * Divide Time and Groups * Add **machinery** * Delete **machinery** * **Manage Transactions** * ADD, UPDATE, VIEW, and DELETE record |
| **Create an Account** | * Ask for (name, age, gender, email address, password, phone number) * Notify the user if incorrect characters are used in the email or password fields * Notify the user if any required fields are left empty |
| Log In | * Ask for (Username and Password) shall be Mandatory |
| **Manage Machinery** | * Have a complete record of the purchased machinery in the gym along with prices as well |
| Manage Transactions | * Have a complete record of the transactions |
| Adding Client | * Ask for (name, age, gender, email address, password, phone number, weight, height, training program, name of the trainer) * How much he will pay and how much will remain |
| Bill | * Display the client name * Display the client training group * Display the date and time of starting and ending the training * Display how much he will pay and how much will remain |

***Non-Functional Requirements of Gym Management System:***