Report

**Functional parameterize**

1 – BMI

The system accepts two inputs from the user as height and weight and calculates the BMI and displays it with the appropriate fitness class they should follow. And all the data are saved in the database to check their progress whenever they want

Functional requirements: Login, register

The system allows user to register to the system with valid details and as soon as they register they could use our system. All the records are saved in the database. And the next time they login the details are rechecked with the database to give the access to the user

2 – Profit

Using the income and expenditure of the gym the system calculates the profit of the system and the admin is able to view a report of the profit.

Functional requirements: Total Payment of each member, total expenditure.

3 – Schedule

If a member has made his regular membership payment, the schedule table is activated. If a member wants to join a sport/fitness plan, the payment should be done first, and then the sports and fitness plans links will be activated in the schedule table. After 30 days there is a renewal process for each member. If the renewal payment isn’t done the schedule table will be deactivated.

Functional requirements: member payment status

4 – Payment

The system generates a bill for each member doing activities, sports and fitness plans and displays it to the member.

Functional Requirements: customer should add the items to the shopping cart and confirm

**Non-functional parameterize**

1 – Performance parameters

Our website includes the response time taken for utilization level. The system responds to the user in a minimal time (almost within 5 seconds)

2 – Recoverability

Our system should be able to recover from a crash. It is required that our system has the inbuilt ability to recover themselves,

3 – Security

Our system denies unauthorized access due to the connections given to the system through the database and a user can make payments in a secure way due to the user identification done at first

4 – Maintainability

Our system is designed in such a way that it can be serviced and maintained on periodic basis.

5 – Environmental requirements

Our system should be designed in such a way that it is manufacturing and the operation does not affect the environment in a negative way.

6 – Accessibility

Our system is created in a user friendly manner which makes customers to have an effortless experience when handling the system