Idea:

The idea that my group came was to create an exercise app where users can log in an choose what they want to work on

Specifications:

Input Data:

Users will input the following:

Create a username to be stored in a database

Create a password which will also be stored in the system

Once logged in:

Name

Age/Gender/Weight

Height

Targets: (three options)

Lose weight

Lean/Tone

Gain

Level:

Beginner

Intermediate

Advanced

Valid and Invalid Data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data | Type | Valid Data | Invalid Data | Action if Wrong data type entered |
| Name | Alphanumeric | String | Integers | Ask user to enter name again |
| weight | numeric | Integer | String | Highlight incorrect data type |
| height | numeric | Integer | String | Highlight incorrect data type |
| target | Drop down menu |  |  | N/A |
| Level | Drop down menu |  |  | N/A |
|  |  |  |  |  |
|  |  |  |  |  |

Who will use the Software:

The software is to be used by anyone that would like to exercise. The type of interface that will be used will be a Graphical User Interface.

Design:

Profile:

ID

Name

Last\_name

Weight

Gender

Target

Level

Progress

BMI

Workouts:

ID

Equipment

Type

Workout

Workout Archive

ID

Workout