**Final Evaluation – BMI Tracker**

The brief given was to create a health application.

Our team elected to create a BMI and weight tracker, with several bonus functions to do with the users health and wellbeing. As such I would say the application developed hit the brief.

**Functional Requirements**

|  |  |
| --- | --- |
| **Requirements** | **Satisfied?** |
| Allow users to input weight and height | Y |
| BMI calculated based on this | Y |
| User can input data on numerous dates and see a visual representation of their progress | Y |
| Output to external file for reading | Y |
| Gives user statistics on their progress | N |
| Workout timer for various workouts | Y |
| GUI | Y |
| Deployed as .exe | Y |
| Information page with links to workout websites | Y |

The majority of functional requirements have been met. The statistics need some work, and the program would need another iteration of the development cycle before it could be released to the client/public.

**Non-Functional Requirements**

|  |  |
| --- | --- |
| **Requirements** | **Satisfied** |
| Free at the point of use | Y |
| Portable for any PC capable of running .exe | Y |
| Well documented code | Y |
| Intuitive design | Y |
| Time constraints met | Y |

All non-functional requirements have been satisfied.

The only revision necessary for these would be an extension of the prototype submission for the version with working statistics

**Further Future Revisions**

In future some work could be done on the project;

* Improved UI design.
* Improved scalability. When full screened none of the controls move, the border of the UI just gets bigger
* In-built help function

In future, an explanation of git would be useful. Many of the group had never used github and did not understand how it worked, leading to work being lost and at times not being uploaded for the rest of the group to see/use.

**Summary of Modifications**

Originally, our team missed the brief and did not realise we had to develop a health application. This led us to start developing a bot for commenting on reddit, however when we realised this wasn’t at all the brief given we scrapped it. This took place on 21/3/18.

Since then we came up with the new project idea, plan and design. We have stuck to this plan, and there have been virtually no changes past a couple of UI redesigns.