Criterion A: Planning

The Scenario

My client is a 46 year-old male with a passion for travelling the world. He frequently travels and relies on the points and miles reward system from a variety of hotels and airlines to cover the expenses. In our first consultations (Appendix A) he expressed concern with his inability to access his excel file, where he keeps track of his points and miles, outside of his computer and the tedious manual work it takes to calculate and organise his rewards, as he has to use a calculator to update his points.

The Proposed Solution

I am proposing to create a web oriented application that is more accessible than a stand alone desktop application. Because my client has access to an Azure cloud server, upon deployment my client can access the web application from his computer, his mobile phone, or any device that he can view websites on, which was one of the main concerns that was brought up in our first consultations (Appendix A). Furthermore, a web oriented application will be able to automate the manual tasks, including organization and simple addition and subtraction calculations, and handle basic CRUD functionality my client currently undertakes in managing his many reward programs. Thus, a web application will be able to address the two main problems my client has with organizing his card reward programs.

Success Criterion
- The system must be accessible from different devices.
- The system must display a list of cards, programs, card owners, and reward types.
- The user should be able to edit the list of cards, programs, card owners, and reward types.
- The user should be able to add cards, programs, card owners, and reward types.
- The user should be able to delete cards, programs, card owners, and reward types.
- The user should be able to understand and interact with the user interface.
- All calculations should be accurate.
- The user interface will utilise responsive design to support both diverse device sizes.
- The website application should have a search function.

- The website application should be secure and protected from users other than the client.

Word Count: 224