2. System Requirements

**2.1 Functional Requirements**

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| **No.** | **Priority Weight** | **Description** |
|  |  | Upon opening the application, the user shall be directed to the *Home* page. |
|  |  | Upon selecting the ‘Select Quiz’ link in the home page, the user shall be directed to the *Select Quiz* page. |
|  |  | The user shall be able to select a level within the quiz. Only the first level in each quiz shall be available to the user at their first time of use. Completing a level successfully gives the user access to the next level. |
|  |  | The user shall be able to answer a question by selecting an answer and then selecting the answer again to confirm it. |
|  |  | The user can select a different answer before confirmation in order to change their answer. |
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**2.2 Non-functional Requirements**

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| **No.** | **Priority Weight** | **Description** |
|  |  | The application shall consist of the following web pages: *Home, Select Quiz, Select Level, Results…* |
|  |  | The *Home* page shall consist of the application logo at the top of the page with links to the *Select Quiz* page…below the logo. |
|  |  | The *Select Quiz* page shall consist of links to… |
|  |  | The quizzes shall consist of three levels for each age group. |
|  |  | The levels shall consist of five questions to be answered one-at-a-time. Answering a question directs the user to the next question. |
|  |  | Upon completion of a level, the user shall be directed to the *Results* page. |
|  |  | The *Results* page shall consist of the user’s score represented by green coloured balloons for correct answers and red coloured balloons for incorrect answers, |
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