**List of Functional Requirements**

Education Software Test System

* **Requirement 9. (must)**
  + **Requirement:** There should be a teacher login and a student login (to allow for students to answer, teachers to create tests)
  + **Assessment Criteria:**
* Users should be able to input a username and a password
* If an invalid username/password is input
* Upon entering a correct username and password – the system should add the features that the teacher can use.
* **Requirement 10. (must)**
  + **Requirement:** Each user must have a unique ID number and login to be used as a unique identifier (key) within the database.
  + **Assessment Criteria:**
* Students should always be redirected to their “homepage”
* Upon entering their details, users should only ever be able to access the account corresponding to their own details
* **Requirement 11 (must)**
  + **Requirement:** The system should be stored on a server, to make sure that students cannot edit any source code, making the tests easier or finding answers.
  + **Assessment Criteria:**
* Students should not be able to access neither the answers or the source code
* **Requirement 12. (must)**
  + **Requirement:** When taking answers from students allow spelling mistakes or variations of the answer to be correct
  + **Assessment Criteria:**
* The system should be flexible and allow for spelling mistakes
* Upon entering an answer to a test, any minor error should be overlooked, and the answer taken to be correct
* **Requirement 13. (must)**
  + **Requirement:** Users should be taken to different home screens based on whether they are students or teachers
  + **Assessment Criteria:**
* Upon entering their correct details, the user should be taken to their home screen 99% of the time.
* **Requirement 14. (must)**
  + **Requirement:** Students should only be allowed access to their personal results, and the tests they are able to take
  + **Assessment Criteria:**
* Each student should have a page unique to them based on their details.
* Any two students should not be able to view each other’s results, or the tests they have taken or awaiting tests.
* **Requirement 15. (must)**
  + **Requirement:** Teachers should be able to have access to a higher level of features, including creating new tests and monitoring student progress
  + **Assessment Criteria:**
* **Requirement 16. (must)**
  + **Requirement:** The system should work reliably and without fail 99% of the time
  + **Assessment Criteria:**
* The system should be able to allow users to access their accounts – depending on their account; create a test; answer a test; view history; view data and only fail 99% of the time.