# StudyChem Test Plan – AS91906

Version: Final

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Type | Description | Expected Result | Actual Result | Pass/Fail |
| Valid MCQ Answer | User selects correct option and clicks submit | “Correct!” message and +1 point |  |  |
| Wrong MCQ Answer | User selects wrong option and submits | “Incorrect. Correct answer: ...” message shown |  |  |
| No Selection | User clicks submit without selecting an answer | Warning shown, no crash | *UPDATED USER CONTROL, If no option is selected then submit button is disabled.* |  |
| True/False Answer | User selects True or False and submits | Evaluated correctly based on answer |  |  |
| Empty Quiz File | Loads a quiz file with 0 questions | Message: “Selected quiz has no questions.” | Purposely made a test quiz with error in the file load. |  |
| Stats Display | Log in and see all past scores in stats textbox | Stats list displays correctly |  |  |
| Start Quiz Button | Click during active quiz | Button disabled |  |  |
| Submit Lock | No option checked | Submit button disabled |  |  |
| Replay New Quiz | Finish a quiz and start another | All controls reset and new quiz begins |  |  |
| Result Saving | Finish quiz, check /Data/users/ folder | Results added to that user's JSON file |  |  |