Sprint Tracking

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| **Name:** | **Untitled Tkinter quiz game** | | |
| **Sprint Number** | **Start Date** | **End Date** | **Work hard rating** |
| 3 | 03/04 | 6/04 | ☆☆☆☆☆  (out of 5 stars) |

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| **KANBAN board at the start of the sprint** |
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| **Screenshot of the program at the start of the sprint** |
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| **Sprint Reflection and summary** |
| Reworked some TkObject code to make it easier to use, I am now displaying possible answers for questions and a submit button |

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| **Major Changes and Achievements Described** |
| The answers are now shown to the user underneath the question text. There are different modes, one for single choice, one for multiple choice and one for user input.  User input answers  Single-choice answers (will only allow the user to check one box) – there is also functionality for multi-choice answers  These answers are easily customisable using integers to determine what type of question it is    I now gather all of the user’s answers when the submit button is pressed and it puts them all in a list for checking using the correct answers list inside the question class. It will have to loop through the answers and check whether they are real answers to the question. If they are, it should try to find their indexes in the list. After that, it should try to find their indexes in the correct answer list and then depending on the answer type, it will check the amount of answers correct. I will also have to check for case-sensitive answers with the keyboard input by using an \_ at the start of the answer. |

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| **Brief Description of your testing** |
| Because I had modified my TkObject code, I had to run the quiz quite a few times to adjust my code so it was compatible. I was getting issues like this, where some things weren’t being turned invisible because of the way my object properties worked. |

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| **Link to testing results/tables** |
| Multiple user input boxes were created even though I only needed one and the submit answer button is visible even though it shouldn’t be unless there is a valid answer typed in the input box.  For some reason the submit answer button is still there even though I’m purposefully setting its visibility to false in the code  Turns out I was setting the visibility of the parent frame after I was setting the visibility of the submit button to false. It’s now working exactly how I want it to.    The user input placeholder text wouldn’t clear properly because my methods were not using the right amount of parameters. Adding a \*args seems to fix it because that way it doesn’t matter how many parameters the bound functions provide |

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| **KANBAN board at the end of the sprint** |
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| **Screenshot of the program at the end of the sprint** |
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| **Notes for next time, future improvements** |
| I couldn’t get all too much work done this sprint because I only had two hours dedicated to programming and one period dedicated to this sprint  I need to get a lot of work done in sprint 4 |