

Assignment 2

Quiz Creator

Description

You are supposed to create an MCQ Quiz Website as shown in the following Figma design (Figma is a tool used to create UI/UX Designs of Websites and Apps):

<https://www.figma.com/file/hXroOpqV6k2sQfO5oKYdTX/Untitled?node-id=0%3A1>

The following functionality must be implemented (refer to the Figma design to understand better):

- User can add new questions to the quiz by typing in the given input field and clicking on the + button (or hitting the Enter key on the keyboard).
- Whenever the user adds a new question, a new white box appears with the added question statement as well as four new input fields, one for each MCQ option. Each input field also has a + button to finalize the option.
- Once an option is finalized, its input field is replaced by the finalized text and a [Radio button](#).
- The user can continue to add new questions to the website in a similar fashion.
- The user can also delete a question using the Delete button.

You can ignore responsiveness for now. The primary purpose of this website is practising JavaScript DOM Manipulation.

Guidelines

The implementation of this part is similar to the ToDo App. We have to create new HTML elements on demand. The only difference is that this is a bit more complex. The new elements that we create (MCQ questions) will have four input fields of their own, and those input fields can create new elements as well (MCQ Options and Radio Buttons).

You can go to the internet, your fellow students, to the TA and to me for help. It's *supposed to be* a bit hard to do, try to embrace the uncomfortable feeling of not knowing what to do, and work your way through it. It's easy to just get AI to do it for you, but that results in no learning. Real work in the industry is hard and AI is unable to do it at this point. If you're used to having AI do your work for you, you may fail when you enter the industry.

Deadline

Deadline for this assignment is 11:59pm Wednesday, 25 June 2025.

Submission

This will be submitted just like the previous assignment, in the form of 2 URLs: a deployed website link (GitHub Pages) and the link to the repository.

You can create a sub-folder in your existing portfolio website repository named `assignment-2` and place all your files inside that folder. That way the deployment will work.

Grading

The assignment will hold 100 marks, broken down as follows:

- 30 marks for how well your UI resembles the Figma designs. You can ignore tiny details like the size of text, etc. but otherwise try to copy it as it is.
- 70 marks for complete functionality. Out of these 20 marks, 25 are for adding new questions, 15 are for deleting questions, and 30 are for adding the four options within each question.
- You will get 10 bonus marks (total maximum is still 100) for adding an “Edit Question” button next to the Delete button that lets you edit the Question Statement. It will do so by converting the question statement back to an input field.