Projet 1 : Online Quiz System

* **Objective/ Vision**

It provides a common platform to connect \*learner\* and \*trainer\* online. The registered trainer can create Quiz and learner can take quiz and can asses himself/herself.

As a developer, you can create a quiz application for testing coding skills of other developers. You’ll start with a logo, some UI/UX wireframes, and starting HTML and CSS,JavaScript, PHP, etc…

* **Users of the System**

\*Learner

\*Trainer

* **Functional Requirements**

1. Trainer

\* Can create quiz after getting logged in!

\* Can enter subjects and enter question with it?s options and answer at the time of creating quiz.

\* 10 Question for each quiz required to be completed.

2. Learner

\* Can search quiz according to their interest.

\* Click on the id of quiz and ready to start it just clicking on a button.

\* After completing all questions, result will be diaplayed Automatically.

\* Can view the description about each and every question in the respective quiz.

\* Get certificate pdf and publish it on social network like LinkedIn, twitter and Facebook

\* In the end, the learner can see the following statistics:

\* Time it took to finish the quiz

\* How many correct answers did he get

\* A message showing if he \*passed\* or \*failed\* the quiz

\* Can create an account and have all the scores saved in his dashboard. He can complete a quiz multiple times

* **Non-Functional Requirements**

\* Secure access of confidential data (user's details). SSL can be used.

\* 24 X 7 availability

\* Browser testing and support for IE, NN, Mozila, and Firefox

\* Reports exportable in .XLS, .PDF

\* Create a detailed UML diagram (Component, Sequence, Class) for the system and its sub-components

* **User Interface Priorities**

\* Professional look and feel

\* Use of JS atleast with all registration forms and with every search option and at the id of each searched result with onmouseover event.

* **Software Requirements²**

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| **Description** | **Type** |
| Operating System | Mac / Linux / Windows |
| Front end | HTML 5 / CSS 3 / JS |
| Backend | PHP 8 / MYSQL |
| IDE | Visual Code |
| Browser | Google Chrome / Mozilla |