**Quiz Base Application Using Tkinter**

Submitted in partial fulfillment of the requirements for the award of degree of

**BACHELOR OF ENGINEERING**

**IN**

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**Introduction**

The project is made up of pycharm(python Tkinter), a GUI based application that has a registration page, a login page selection option, and will open a new page for each registration and login. You have to first register yourself on the registration page and after your data is being automatically saved by the name of your email id in a given folder. After this close your registration page and come back to first selection page and there click on login a new screen will pop up and then enter your registered email id and password there if your enter data found in the folder then you got the access otherwise a new pop up screen will appear where written wrong password entry. After login, next step is to start a quiz click on start quiz button at the center of the full screen and then give your quiz the question is selected from JSON file which will randomly select and question from give JSON question back you got 5 marks for each right answer and at the end, you got your total result with some comment(here it means whether you need any improvement or not).

**Feasibility Study**

The project will give you a better graphic experience we are trying to add different methods so that the quiz will go smoother and it will not make you feel bore. The project is a quiz base application in .exe format which you can click from your desktop also and whatever is going on the front end will get save on your back end.

**Methodology/ Planning of work**

Check the below point for better understanding :

1. Make a proper flowchart it’s working

2. Making a layout(design) of it’s working

3. Coding for the back end

4. Coding for front end(design)

5. Finalize the work and convert it into .exe file by using pyinstaller

**Module & Team Member wise Distribution of work**

Me Priyanshu Singh as a team leader working on the coding part and my teammates Sagar Kumar is going to perform all other work like(flowchart representation and other stuff).

**Innovations in Project**

The project will give you a better experience of giving a quiz here our main focus is to make the project look simple but not like which make you feel bore. We try to give different types of questions easy to the normal one. This will generate your interest and also the quiz you got is not similar to the quiz who got another person we will make a question bank in JSON file from where the question is selected in random order.

**Software and Hardware Requirements**

You need to have the latest version of python terminal and it can work in any type of OS which supports Python terminal, there is no huge requirement for this.

**Bibliography**

Here in this project, I am using different online sites for learning about Tkinter like geeks, tutorial points, and also watching youtube tutorials to learn more and more about python Tkinter.