

# Responsive Carrier

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**Abstract-** This project is aimed at developing a web based & central recruitment process system for the HR group for a company. I am developing “responsive career” in Python. This system includes online interview, online examination, quick result, feedback, latest news of the company. This system is used by Final year student, Placement officer, HR Manager. This project “responsive career ” is an online website in which candidate can register themselves & then attend the exam like written test, GD, Personal interview. Based on the outcome of the exam the candidate will be short listed for fresher, the exam will be conducted online and proper time duration for exam will be given. I am providing of the facility of aptitude test, technical test and group discussion online. We can provide security for this system through camera recording.

**Keywords-** python, Design with Django, Design with HTML and CSS, Microsoft SQL Server, One Time Login System, Fast and Fluid

## I. INTRODUCTION

The project described within this document is an online examination system designed with the specific goal of reducing the hectic job of assessing the answers given by the candidates manually. Responses by the candidates will be checked automatically and instantly. Being an integrated online examination system it will reduce paper work. The result will be shown immediately to the participating students reducing the anxiety. It can generate various reports and graphs for evaluation purpose almost instantly when and where required. It will also send mail notifications to the students about the detailed description of tests, their results and other information through small message transfer protocol.

The purpose of online examination simulator is to take online examination exam in efficient manner and no time wasting for checking the paper. The main objective of online examination simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.

## II. LITERATURE REVIEW

- a. Python is a web development platform, which provides a programming model, a comprehensive software infrastructure and various services required to build up robust web applications for PC, as well as mobile devices. Python is used to produce interactive, data-driven web applications over the internet. It consists of a large number of controls and libraries such as numpy, scipy for assembling, configuring, and manipulating code to create HTML pages.
- b. SQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. As a database server, the primary function of the SQL Server is to store and retrieve data used by other applications.
- c. PyCharm or Anaconda is used to write native code and managed code supported by Microsoft Windows, Windows Mobile, Windows CE, .NET Framework, MAC OS, Linux.
- d. Python libraries provide inbuilt functions to develop a code. The PyCharm integrated debugger supports both source and machine-level debugging. PyCharm includes other built-in tools, like a form designer, which is useful when building GUI applications; a Web designer that creates dynamic Web pages; a class designer that is used to create custom libraries, and a schema designer for database support.

## III. STUDY FINDINGS

1. Preliminary system study is the first stage of system development life cycle. This is a brief investigation of the system under consideration and gives a clear picture of what actually the physical system is? In practice, the initial system study involves the preparation of a system proposal which lists the Problem Definition, Objectives of the Study, and Terms of reference for Study, Constraints, Expected benefits of the new system.
2. Exam management has changed significantly over the last few years, with newer technologies gaining grounds and making things better. The emergence of different events software has made tasks a lot easier when deployed in exam planning; one can even gain an edge over his competitors.

3. Having identified and defined all the elements of the exam, it is necessary to consider the feasibility of the proposed exam. Although this is identified here as following on from exam concept design, in reality, the factors below would be considered at the same time as the exam was being designed
4. Admin is an entity that will manage entire system. Admin have must authorized. Admin have all rights to performing any type of given rights to the given user because they will have highest level of access the rights. Admin have under observation of some areas like database, security, integration and management.
5. The purpose of online examination simulator is to take online examination exam in efficient manner and no time wasting for checking the paper. The main objective of online examination simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.
6. The minimum hardware requirement is Memory of 4 GB RAM or more, Monitor resolution of 1024\*768 or highest access, Inteli3 processor, 1 GB (or more) available hard disk space.

#### IV. FUTURE ENHANCEMENT

- a. In future we can integrate this system in various other processes and carried out many task. We can develop this system on mobile platform and make this process more convenient for HR team n students.
- b. This can be used in educational institutions as well as in corporate world.
- c. Can be used anywhere and any time as it is a web based application (user location doesn't matter)
- d. No Restriction that examiner has to be present when the candidate takes the test.

#### V. CONCLUSION

In this report I am concluding that by developing Job carrier Management system it is very easy for students and Job carrier management team to undertake campus placement process in college. By using this Job carrier management system student can apply online for recruitment process. Student and Job carrier management team are in constant contact so by doing this student can easily access any information. Student can also give online aptitude test and technical interview after the completion of whole process student can also check their result online. By using this new J carrier management system it will save lot a resource n time in future.

#### VI. ACKNOWLEDGMENT

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