



SYNOPSIS
ON
Online Code Editor (Codera)

Submitted By:

Himanshu Gupta (191500345)

Mukul Agarawal (191500464)

Branch/Sec:- Computer Science/ D

Submitted To:

Faculty Name:

Mr. Mandeep Singh

INTRODUCTION

A Company named **STATUS INFOTAINMENT** wants to recruit some fresh graduates who are technically efficient in PHP/C/C++ for their ongoing projects. For this, they want to check their technical skills by giving them a scenario on the given Web Platform for which the fresh graduates have to submit the code online.

EXISTING SYSTEM

- Register and login the user on website.
- Validate the user identity.
- Store the code and give the output.

USE OF THE PROJECT

In this web application a users can register themselves by entering his/her name, email, mobile number, highest qualification, etc. After registering, the user shall login using his/her email and password. The user is provided a unique job application number, and a Problem statement for which he/she has to code on C/C++/PHP in the text area provided. He/She has to choose the language in which he/she wants to code from a drop down box. On clicking the submit button, the code entered by the user is saved on the server as a file with the name JOB<application_no> and the extension(.php, .cpp or .c)

FEASIBILITY OF PROJECT

- All the fields during registration and login time are to be filled before clicking the submit button.
- The look and feel is self explanatory.
- The Company name is also be displayed.
- The text area where the code is to be written have sufficient width and height.
- The file to be saved on the server shall have the extension corresponding to the language chosen.

FUNCTIONAL SPECIFICATION

- Each problem is saved in a separate file named 1.txt, 2.txt, and so on to 20.txt.
- The job application number is divided by 20 and the remainder is stored. Then 1 is added to the remainder to find the name of the file from which the Problem statement is to be fetched.
- The questions of the text file are displayed on the browser.
- On clicking the submit button, the code will be stored on backend.

Software Specification:

- Technology Implemented :
Front-End Technologies
- Language Used :
Html, CSS, JavaScript and PHP
- Database :
WAMP/ XAMPP Server
- Development Environment :
Visual Studio code
- Web Browser :
Chrome / Firefox

Hardware Requirements:

- Processor :
Intel/ Pentium
- Operating System :
Windows 7/8/10
- RAM :
4+ GB
- Hardware Devices :
Computer System
- Hard disk :
200-500 mb

FUTURE SCOPE

The different areas where we can use this application are :-

- Any technical company can make use of it for recruiting new employess by evaluating their code and it can also be used as an online compiler for programing.
- Modifications can also be done according to requirements as and when think necessary.