A WEB APPLICATION FOR CODING ASPIRANTS AND GEEKS

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report **"A WEB APPLICATION FOR CODING ASPIRANTS AND GEEKS"** is the Bonafide work of "**AJAY SRIRAM S, JESSICA COLLINS J P, PRIYA DHARSHINI M, SANTHOSH KUMAR R"** who carried out the project work under my supervision.

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We affirm that the project work titled **"A WEB APPLICATION FOR CODING ASPIRANTS AND GEEKS"** being submitted in partial fulfilment of the award of Bachelor of Technology in Information Technology is the original work carried out by us. It has not formed the part of any other project work submitted for award of any degree or diploma, either in this or any other university.

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TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
	ABSTRACT	
	LIST OF TABLES	
	LIST OF FIGURES	
	LIST OF ABBREVIATIONS	
1	**INTRODUCTION**	
	1.1 INTRODUCTION TO CLOUD COMPUTING	
	1.2 TYPES OF CLOUD COMPUTING	
	1.3 OBJECTIVE	
2	**LITERATURE REVIEW**	
3	**SYSTEM ANALYSIS**	
	3.1 EXISTING SYSTEM	
	3.2 DRAWBACKS OF EXISTING SYSTEM	
	3.3 PROPOSED SYSTEM	
	3.4 ADVANTAGES OF PROPOSED SYSTEM	
	3.5 FEASIBILITY STUDY	
	3.5.1 Economical Feasibility	
	3.5.2 Operational Feasibility	
	3.5.1 Technical Feasibility	
4	**SYSTEM SPECIFICATION**	
	4.1 HARDWARE REQUIREMENTS	
	4.2 SOFTWARE REQUIREMENTS	
5	**SOFTWARE DESCRIPTION**	
	5.1 FRONT END	
	5.2 BACK END	
6	**PROJECT DESCRIPTION**	
	6.1 PROBLEM DEFINITION	
	6.2 OVERVIEW OF THE PROJECT	
	6.3 MODULE DESCRIPTION	
	6.4 MODULE DIAGRAM	
	6.5 INPUT DESIGN	
	6.6 OUTPUT DESIGN	
	6.7 USE CASE DIAGRAM	
	6.8 SEQUENCE DIAGRAM	
	6.9 DATAFLOW DIAGRAM	
	6.10 DATABASE DESIGN	
7	**IMPLEMENTATION and TESTING**	
	7.1 IMPLEMENTATION	
	7.2 SYSTEM TESTING	

7.2.1 Unit Testing
7.2.3 Validation Testing

8 CONCLUSION AND FUTURE ENHANCEMENTS
APPENDICES
PROJECT CODE
SCREEN SHOTS OF OUTPUT

9 REFERENCES

ABSTRACT

Our proposed system is a web application that will be really helpful for the students and also coding aspirants. It overcomes the disadvantage of going online for the search of answers for their doubts regarding programming. Our proposed system is that they can ask their doubts in programming with codes posted in this application. This system can be utilized in a college placement's cell or any other groups which helps in increasing the productivity and contribution as a whole to a larger extent. This application has a list of codes posted by other users and they can be able to answer that which will also be displayed there. It also has an inbuilt compiler to check the correctness of the program. In addition to that it also displays code highlighted according to the language. It will be built as a single page application so the response time and performance will not be compromised on any cause. It will be built using the most popular stack in the web application development. It is also scalable and can be used by any range of groups or communities.

In future to the open source community. They can also rate and review the answers of the peers which increases the standard of the platform and also the highest contributor. It has an inbuilt compiler in which they can with the code. It supports a variety of languages including the most popular

prevailing in the industry. The editor is also more interactive and user friendly to sophisticate the user.

The codes which are displayed will be automatically styled according to the type of language used. It also has the filtering capabilities to search for codes of particular languages in which the user is familiar with. The authentication system takes care of the users and roles to which extent a user can access this site. It is also responsive so they can use their own mobile phones.

LIST OF TABLES

TABLE NO	TITLE	PAGE NO

LIST OF FIGURES

FIGURE NO	TITLE	PAGE NO

LIST OF ABBREVIATIONS

ABBREVATIONS	EXPANSIONS

CHAPTER 1
INTRODUCTION

1.1

As a beginner of programming, students face a difficult situation in clarifying the doubts. The internet also feels so informative that he/she might not be able to get things that he needs.

This platform will be used within a team or a group where they can ask and answer questions which are asked by peers and other team members that will be answered or discussed among the team members.

1.2 Objective

Increase the Student’s ability of problem solving and contribution to the team. Provide a platform to play around with code where they can

improve their coding skills. Grow with their pace not worrying about the competition and a healthy platform to work with.

CHAPTER 2
LITERATURE REVIEW

One of the best platforms available today is the stack overflow from which all the students and programmers refer to their doubts regarding coding and technologies in the internet.

The fact is that the answers present are huge in number and also diversity is high so it becomes very hard for a programmer to find out what he needs and he/she might have to spend a lot of time to identify the correct thing. Things presented may be out of date and deprecated due to the release of future versions.

In the upcoming days it has become a platform like RPG where the individuals are given points for their contributions to the platform and everyone is trying to be on the same battle of earning points.

The noticeable aspect is that the correct answer will be upvoted which will gain its position in the top most answer despite every answer delivered to the same question. It also has a filtering feature to display only the things we need.