

'I' Scheme Study Guide

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ABSTRACT

This paper describes the educational web-based system. Now a days, there is high demand for e-learning and no body prefers books. The aim is to provide dedicated educational software. Students access web pages in which the exercises have been embedded. Basics about the programming languages are been provided in the system.

INTRODUCTION

'I' scheme study guide as the name suggest it is a guide for the diploma students those who are studying in 'I' scheme syllabus. As per the MSBTE 'I' scheme is latest syllabus for diploma students.

The system will contain all the important subjects which are required for computer branch i.e. all programming language subjects and other subjects which needed.

This will help the students to overview the chapters before exams.

PROJECT IDEA

As the syllabus of 'I' scheme is little bit advanced i.e. they are having project for each subject. To reduce some efforts of the students so we have decided to develop this software.

NEED

Need of our project:

- The basic need of these project is to provide knowledge about programming subjects.
- Students can see their progress with the help of scores they have scored in test.
- Parents can view overall progress of their ward.
- Teachers can conduct a test online for all students.
- Important questions related to programming subjects will be provided.

LITERATURE SURVEY

There are many software's and websites available for 'G' scheme syllabus but there are no such things available for 'I' scheme because this is new syllabus that's why we decided to develop a website to help the students.

To provide desired study guide this website will be helpful. Last year the syllabus of diploma has changed and there are no websites to provide User Interface and the latest syllabus is little bit difficult and more harder subjects so to help to get this subject this project will be effective. There are many websites available which provide question papers of previous years for practice but in our website, we will provide important questions with the summary of every chapter.

PROBLEM DEFINITION

This system is meant for students and who want to learn programming languages. The user can access through username and password which will be provided to each user after registering. When the wants to attempt test, the levels will be provided to check whether the user have understood the language properly and the record of test will be stored in database and marks will be shown to individual user after every test.

ALGORITHM

Algorithm is as follows:

Step 1: Login

Step 2: After login two options will be available for selection:

- a. Notes
- b. Test

Step 3: Chapters will appear after clicking on particular subject

Step 4:

- a. Go to step (6)
- b. Click on test option on main activity page

Step 5: Under test option particular test subject vice will be provided.

Step 6: Logout

WORKING

'I' scheme syllabus is advanced syllabus i.e. each subject has somewhat the system will contain the login page through which the user will login to the further pages. The new user will have to sign up page which will contain the fields through which username and password will be provided. After signing up and login the further page will be homepage of the website, menus will be provided like

Subject: Within subject menu all the subjects will be displayed, user have to choose the subject and after clicking on the summary will be displayed.

Final test: Test of every subject will be present. In order to overcome the previous objectives. The proposed system helps in study and solve questions online using internet connection.

SYSTEM ARCHITURE

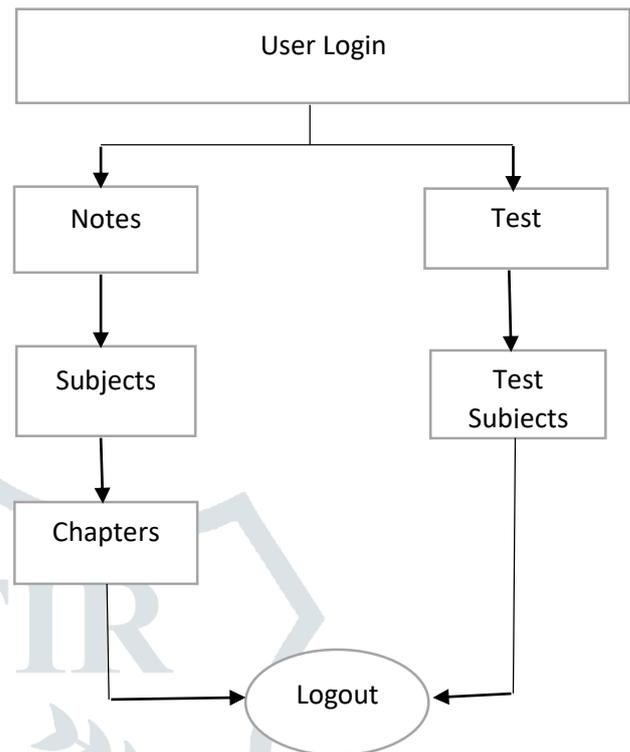


Figure 1: Architecture

Above figure describes the architecture of the system.

Modules of the system:

- a. Notes: Under notes option the list of subjects are provided among this user can choice one of them at a time.
- b. Subjects (Under notes): List of programming subjects.
- c. Chapter: List of chapters will be displayed after clicking on any of the subject provided accordingly the list of chapters will be listed.
- d. Test: Under this module list of programming subjects will be displayed and user can choice among the list provided.
- e. Test Subject: User will make his/her choice and multiple-choice questions will be displayed.
- f. Logout

TECHNOLOGY USED

The technology used in this particular system are php and Html.

FUTURE SCOPE

As this system is for educational purpose, the students who all have to learn or to practice the programming subjects this will be helpful the in future too as well as for the students who are following the msbte 'I' scheme syllabus.

CONCLUSION

This system aimed to provide hassle free and smooth access to various subjects for students to learn programming languages and also the test is provided for to test the skills and knowledge of students and it is very simple to interact the study guide.

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