

MSBTE Diplomate

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Abstract

Now a day, we experienced that due to online education not everyone is able to get all the educational sources that are required to students. This application is designed for all the diploma level students of all branches so that they can get different study materials, lab manuals, model question and answer papers for practice. There are number of applications for diploma students, we developed with several additional features like dark mode, Text Reader-playing audio of PDF's and document files so that it become easier for students. Thus, this paper describes detailed information of "MSBTE Diplomatic Application".

Keywords: MSBTE, Education, Diploma, Student, Dark mode, Text Reader

INTRODUCTION

MSBTE Diplomatic Application is basically designed for diploma students of all branches. This application can be utilized by the students for several corresponding reasons like to get access to all the lab manuals, academic syllabus, MCQ's collection of all programs, test papers for practice and many more. All the departments like Computer Science, Information Technology, Electronics and

Telecommunication, Electrical Engineering, Mechanical Engineering, Civil Engineering, Artificial Intelligence, Robotics and Automation, etc. can access to this application. This application is basically used by students; it can efficiently help the students for study materials. Some unique features of this application are discussion forums (like chat box where student can help each other for knowledge and development), PDF and

Document reader (the text contents will be automatically read). Some another features that this application includes are dark mode, security for safe use.

We all are trying to help the students of diploma in Maharashtra in their daily academics by providing all these things to them at once place and help them achieve their goals. The application provides many services to the diploma students studying in Maharashtra under MSBTE's curriculum.

This application is meant to help diploma students find study resources which are much needed to study engineering diploma. It provides all previous years question papers and model answer paper, so that students find exactly what is to be written in exam and what not.

The main advantage of the MSBTE model answer paper is that student comes to know the exact answer that must be written in the exam. So the study of student becomes more and more focused. This app provides 1st, 2nd, 3rd, 4th, 5th and 6th semester. Diploma reference books and answer papers which students can easily download.

All the content is as per the new syllabus Scheme i.e. I scheme. And for online

examination practice we have practice papers as per the MSBTE question papers set. Now, it's very easiest way to get access to various diploma study materials with the help of the application.

PROBLEM FORMULATION

Now a days, students deals with lot of problem because all the verified study sources are not available due to which they face with several problems in their study. Before due to offline lectures students use to visit to college so most of study materials were easily be found. Mostly reference books are not available online because of which students fails to gain the proper knowledge. Even if the sources become available there are no chances that the contents are accurate and valid as per MSBTE scheme.

But now students strive to get valid study material sources. To solve these problems we decided to design an application which will provide all sources of study materials like reference books, lab manuals, model question and answer papers, etc. Problems like speaker mode is not available in any of the application designed till now , this can help the students to be consistent and focused with this audio mode feature. Dark mode had eliminated another problem of studying during night or studying in the

night colleges, this was another issue beforehand.

METHODOLOGY

The main key of any project is you must first set your vision and mission and the next thing is that how was your behaviour in the external environment, how you will get dissolved in any condition and any problem. In that we face many challenges like students face many difficulties regarding study material facilities. So, we started implementing this project. We created multiple modules starting from login and registration page and then implemented department wise different modules. Every department has different

page so that it will become easier for students to find their study materials. Step wise execution of the application is shown in the below diagram. How it start executing from login page to end. **See Figure: 1**

FUTURE WORK

This application has good future because it fulfils need of every student. The current problem will be reduced by this application. In future we want to have online examination system embedded with this application so that students can easily get every needed thing in a single application.

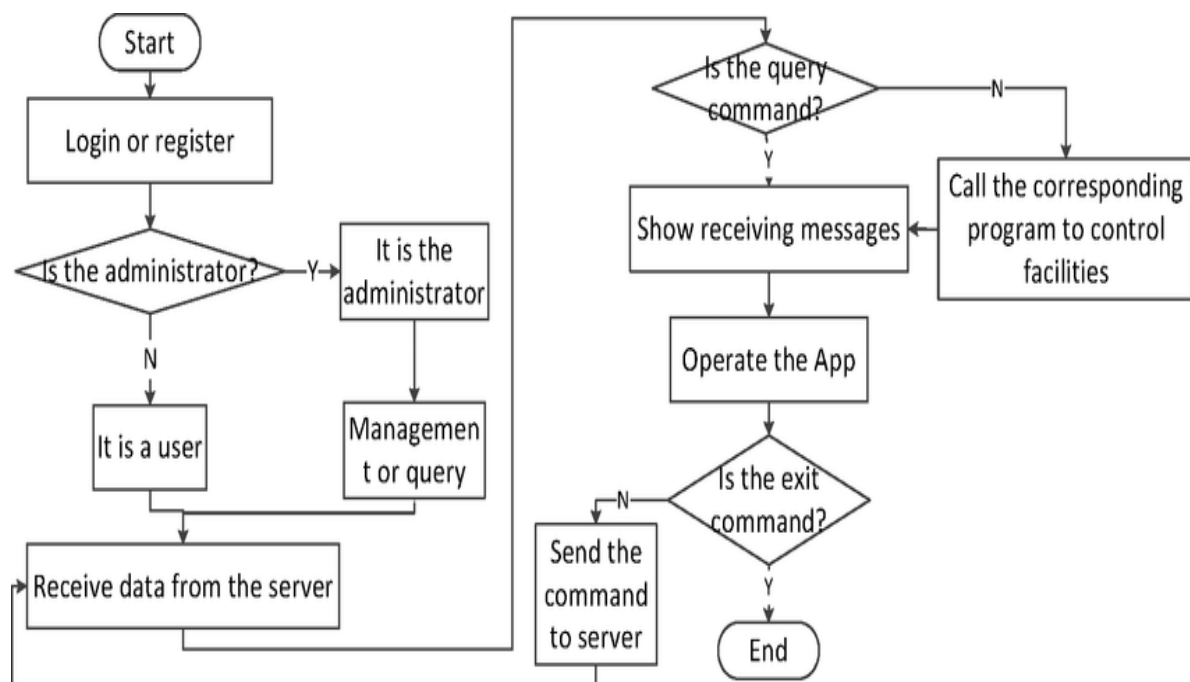


Figure: 1

CONCLUSION

In this paper I described the brief introduction of MSBTE Diplomatic application with its architecture, feature and applications. It having lots of advantages like offline accessible, speaker mode, dark mode. Now a days getting proper education is very essential part of life. This application will help every student of diploma studying in Maharashtra.

REFERENCES

1. We have referred different MSBTE websites for gaining knowledge of MSBTE curriculum activities and knowledge of different schemes of MSBTE.
2. We referred code labs website to learn about android application and to study about different projects.
3. Code path and jet brains are different sites which were referred by us as well to learn about android projects.

AUTHORS' PROFILE



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