



SYNOPSIS ON “PREPDRIVE”

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INTRODUCTION

What do you mean by placement oriented application?

An application which is only designed for the preparation of the upcoming placement drives. Basically, It is the application where User can find all important and mandatory topics related to placement drives.

Now-a-days, Getting placed is the topmost priority for each and every student. For this, Every student hustle day and night. In order to make their preparation lenient, easy and quick, a placement oriented application should be there.

These type of applications will help students to prepare at last minute in a very systematic way. On the top of that, these should also contain explanation of the topics covered in semester examinations in crystal clear manner.

Skills which are required to be groomed for getting placements in fAANGs, MNCs, Startups:

1. Technical Aptitude
2. Logical Reasoning
3. Quantitative Aptitude
4. Data Structure and Algorithms
5. Group Discussion and Personal Interview

EXISTING SYSTEM

There are three existing systems:-

- **GeeksForGeeks**
- **PrepBytes**
- **Sanfoundry**
- **GLA's Library Portal**

USE OF THE PROJECT

Online Preparation is an online technology that allows users(students) to prepare for the placement drives.

It helps students to prepare for the topics that has been asked in the previous year's placement rounds of MNCs,Start-ups,FAANGs etc.

Our Application, PrepDrive will help students in the same manner as it contains all the previous year questions with solutions that has been asked by the on-campus companies of GLA for five year in a row.

On the top of that, It will also help students in off-campus recruitment.

Key Points:-

1. Online Preparation is an online technology that allows users(students) to prepare for the placement drives.
2. PrepDrive contains previous year questions with solutions that has been asked by the on-campus companies of GLA for five year in a row.
3. It is based on React Native technology along with front-end, Firebase, Github etc.
4. It is basically last-minute oriented application where students can prepare for the drives in no time.
5. It has user friendly layout that will help students to switch between functionalities very easily.

Feasibility of Project

This application will have student account in which he or she can access the quizzes, questions, etc of previous years and prepare from them on the daily basis.

Considering current scenario of the students, this application will help them to make their preparation sound and strong for the coming on as well as off campus companies.

As we have discussed earlier, it contains various fields of technical, Quantitative, Reasoning, Logical etc where they possess previous year question papers in multiple choice manner, due to which it became user friendly because of the same.

It will also help students in off-campus recruitment. On the top of that, our application, PrepDrive will help students in the same manner as it contains all the previous year questions with solutions that has been asked by the on-campus companies of GLA for five year in a row.

It will also contains some youtube, geeksforgeeks and much more sites link in order to elaborate their explanations.

In Addition,

It contains progress bar which contains :-

- Progress Report
- Quiz Report
- History of Attempts
 1. Successful Attempts
 2. Unsuccessful Attempts
 3. Skipped Attempts.

We have decided to add technical assistance for naive students so that it will restrict piling up the doubts and clear them hand to hand respectfully.

FUNCTIONAL SPECIFICATION

- Sign-Up
- Login
- Forget Password
- OTP Verification
- Dashboard
- Profile Menu
- Progress Menu
- Quiz Layout
- Challenges

Software Specification:

- Technology Implemented : React Native, Firebase, Github.
- Language Used : Javascript, HTML,CSS,JSX.
- Database : Firebase.
- User Interface Design : Adobe XD, Anima.
- Logo Design : Adobe Illustrator,Canva.
- Web Browser : Firefox Developer Edition.

Hardware Requirements:

- Processor : i5 10th generation.
- Operating System : Windows 10.
- RAM : 8 GB
- Hardware Devices : Laptop.
- Hard disk : 1 TB, SSD : 256 gb
- Display : Intel® UHD Graphics

For End-User:

- Processor : Snapdragon 845
- Operating System : Android 10
- RAM : 4 GB
- Internal Storage : 64 GB

FUTURE SCOPE

Our application will have Alumni interaction board in future where student will inspire from Alumni section.

Alumni section will contains Alumni experiences, problems they have faced and much more about placement drives.

It will also contains various engineering subjects tools in future which will help them to solve complex problems quickly.

It is based on the topics like :-

- Scheduling algorithms of Operating System,
- Trailing Zeroes finder
- Calendar tools etc.