Distract Free Geek

MINI PROJECT – II

SYNOPSIS

Department of Computer Science & Application

Institute of Engineering & Technology

SUBMITTED TO: -   SUBMITTED BY: -

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ABSTRACT

The goal of this initiative is to address the issue of pupils (especially for coders).

We can use the built-in website to create a unique login and study from top mentors' videos without interruptions.

This project will give students access to a user-friendly environment where they may study without being interrupted by irrelevant suggestions, pop-up subscription messages, alert messages for leisure films, or irrelevant commercials. Modules like the login system, database system, and webpage are included (the user-friendly UI).

DECLARATION

I hereby declare that the work which is being presented in the Project Synopsis
"Distract Free Geek", in partial fulfillment of the requirements for Project is an authentic record of my own work carried under the supervision of **Mohd. Amir Khan, Technical Trainer, GLA University, Mathura**.

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<u>Acknowledgement</u>

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini project undertaken during B.Tech III Year. This project is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals. We owe special debt of gratitude to Mohd. Amir Khan, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for her constant support and guidance to our work. His sincerity, thoroughness and perseverance has been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies. We also do not like miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

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INTRODUCTION

The need to create something that addresses a real-life problem and offers a solution was the driving force behind choosing the project. Also, anything that peers may use to receive feedback in real time would be helpful, following which we might strive to improve efficiency.

Problem: Attending lectures and tutorials requires concentration, which is made difficult by the presence of commercials and movies that are irrelevant to the material being covered.

As a result, we developed the "Distract Free Geek" website, which will prevent you from being distracted while viewing your study materials.

SOFTWARE AND HARDWARE REQUIREMENTS

- HTML
- CSS
- Java Script
- Mongo DB
- React
- Express Js
- NodeJs
- Laptop with windows 10
- Vscode
- 8gb RAM

PROJECT DESCRIPTION

The purpose of this project is to develop a distract free video playing website. The project is divided into 3 modules – profile credential management system, database management system and user interface. The roles of the modules are as follows:

• Profile credential management system: This module deals with the login and password of the user. And enable to generate a new profile (if not exists before) and store them in database. This module is mainly for the data-safety of the users and creating a personalized experience for users.

• Database management system: Stores data of users and their interest and history to have a good recommendation system for the user. This acts as an interface between webpage and database.

•User Interface: This section is mainly visible to the end users where everything at their end will happen and they will get their desired output on feeding the input in the proper arranged formats.

WORKING

New user has to create an account and then login with his email and password. Then will be able to watch the desired videos of their choice, and that too in a distraction free environment, where they will be not get distract by non - interested suggestions and can also put their day to day task. Also has the facility to Recommendation page where top - trending topics for geeks are available to read content about it ,also it has the facility to go on to the top coding practice websites and do practice a lot of questions along with you can get to read about you doubts through our search bar. All in all you will get a study solution to many of you specific problems.

IMPLEMENTATION

The profile credential management system is implemented by JavaScript. It communicates between website UI and database to store user credentials. It provides the option to create a new profile with unique usernames to identify each individual. It also checks that no two profiles have the same credentials.

Database management system is also implemented by JavaScript. It manages all the records and data stored on the database such as searching the desired videos for the user and giving suggestions based on his watch. It basically acts as an interface between the website UI and the database.

User interface is implemented by HTML, CSS, JavaScript and React framework. This interacts with the user directly.

REFERENCES;

Web Sites:

MDN: https://developer.mozilla.org/en-US/
Mongo DB: https://www.mongodb.com/docs/
www.google.com
W3 School: https://www.w3schools.com/
FCC: https://www.freecodecamp.org/

Faculty Guidelines:

Mohd. Amir Khan (Technical Trainer in GLA University)

GitHub Repository link:

https://github.com/Rohit-saxena125/DistractGeeky