**PROJECT TOPIC: StudyHub**

**Group No. :**

**Project Group Members:**

1. Mani Singh (Sec-E./Univ Roll No.-181500365) **2.** Shivendu Sharma(Sec-F/Univ Roll No.181500684)
2. Pallavi Solanki (Sec-J/Univ Roll No.-181500) **4.** Vikas Pandey (Sec-F/181500789)

**Project Supervisor:** Ms. Harvinder Kaur.

**General introduction to the topic:** StudyHub is a project that is an e-learning platform for students of B.Tech (CS). It aims to provide subject related videos, Motivational quotes and it has an inbuilt quiz for testing skills. StudyHub has all courses as far concerned to B.Tech Students. Its quizzes and Motivational quotes keep on shuffling.

**Area of computer Science:** StudyHub is a fully online website that falls under the domain of e-learning. Web-Development is the environment this project has been developed into.

**Hardware and Software requirements:**

* **Hardware Requirements:** 1GB RAM (min.), Laptop/Desktop, External Backup Storage.
* **Software Requirements:** Brackets HTML editor, Web browser, Graphic Editor, FTP client (FileZilla), GitHub, internet connection.

**Problem Definition:** The problem that has led us to work on this project is easy availability of study material at a single platform without any hustle. This site will gather resources from different sources on WEB and make it available on a single platform.

**Objective:**

Objective of this website is to help student learn more and effectively from the resources on the internet. What it does for you is it collects the best material available on certain topics which contain lecture/e-learning videos, practice sheets and accumulates all at a single place so an individual could use it effectively.

**Methodology:**

StudyHub being a **website** uses HTML, CSS, BOOTSTRAP, jQuery libraries, free host services, CANVA(logos) for front-end and PHP and MySQL for back-end.

**Implementation details:**

The webpage uses HTML and Cascading Style Sheet for its front-end structure. Bootstrap and jQuery are used to make it responsive and add certain animations and hover, click effects. CSS cards are designed to display daily motivation quotes and useful tips.

Back-end will use PHP and MySQL as a database to store login details.

**Contribution Summary:** Mani and Pallavi have together developed the login and registration page. All effects, animations and logos have been arranged solely by them.

Vikas has developed the Home-Page with all animations, effects and logos used in it.

Shivendu has made the navigation bar of the Home-Page and will be working on back-end.

**Progress till date:**

Home-page and Login page along with a separate page of registration has been developed although finishing front link connections and finishing works are pending in front-end development.

Back-end development has not started yet.

**Signature of Project Guide: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**