

STUDYSAVVY

MINI PROJECT – II

SYNOPSIS



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ABSTRACT

STUDYSAVVY is an online platform is to promotes awareness about study, In today's fast-paced world, learning has become an essential part of our lives. With the advent of technology, e-learning has become a popular and convenient way of acquiring knowledge. Our e-learning website is designed to cater to the needs of learners of all ages and backgrounds. Our platform offers a wide range of courses, from basic skills to advanced topics, taught by experts in their fields. With user-friendly features such as personalized learning paths, interactive quizzes, and progress tracking, learners can achieve their learning goals at their own pace and convenience. Our website also provides a collaborative learning environment, allowing learners to connect with peers and instructors, and exchange ideas and feedback. With the flexibility, accessibility, and quality of our e-learning platform, we aim to empower learners to achieve their full potential and pursue their passions.

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INTRODUCTION

Objective-

The objective of an e-learning website is to provide high-quality education and training to learners in an engaging and accessible manner. The website should be designed to meet the specific learning needs of the target audience and offer a user-friendly interface that is easy to navigate.

The following are some specific objectives that an e-learning website may aim to achieve:

1. Provide access to high-quality educational content: The website should offer a wide range of educational materials, eBooks, and interactive courses that are created by subject matter experts.
2. Engage learners with interactive and multimedia content: The website should include multimedia content, such as videos, animations, and simulations, to make learning more interactive and engaging.
3. Provide personalized learning experiences: The website should offer personalized learning paths that cater to the unique needs and interests of individual learners.
4. Measure learning outcomes: The website should provide assessments and evaluations to measure learners' progress and learning outcomes, allowing them to track their progress and receive feedback on their performance.
5. Provide flexibility and accessibility: The website should be accessible from any device and provide flexible learning options, such as self-paced learning and mobile learning, to cater to the needs of learners who may have busy schedules or limited access to traditional education.

Motivation-

Accessible Learning: E-learning websites offer learners the flexibility to study and learn from anywhere at any time, making education more accessible to people who might not have the opportunity to attend traditional classroom-based courses.

Problem Statement –

In today's fast-paced world, the demand for e-learning websites has increased rapidly due to their convenience and accessibility. However, the lack of user engagement and the inability to provide personalized learning experiences are major concerns for e-learning websites. In addition, the availability of a vast amount of information can lead to confusion and overwhelm for learners, which can result in reduced motivation and engagement.

Software Requirements:

- | | |
|-----------------------|----------------------------------|
| 1. Text/HTML Editor | HTML 5 |
| 2. Web Browsers | Chrome on Windows 107.0.5304.107 |
| 3. Visual Studio code | Version 1.73 |

Hardware Requirements:

- | | |
|--------------------------|--------------------------|
| <u>1.</u> RAM | 3GB or more |
| <u>2.</u> Processor | Intel i3@ 2.5GHz or more |
| <u>3.</u> Internet speed | 50kbps or more |

Project Description-

The goal of this project is to design and develop an e-learning website that offers a personalized and engaging learning experience to learners. The website will provide high-quality educational content in various formats, such as videos, texts, and interactive activities, to cater to different learning styles. The website will also have a user-friendly interface that enables learners to navigate through the website with ease and find relevant information quickly.

To provide a personalized learning experience, the website will use data analytics to track learners' progress and provide recommendations based on their performance and preferences. Learners will be able to set their learning goals and receive personalized feedback on their progress. The website will also provide a sense of community by enabling learners to interact and collaborate with other learners and instructors through discussion forums, chat rooms, and virtual classrooms.

The e-learning website will offer a variety of courses in different subjects, ranging from basic to advanced levels. The courses will be designed and delivered by experts in their respective fields, ensuring that the content is up-to-date and relevant. The website will also provide certifications upon completion of the courses, which learners can use to demonstrate their knowledge and skills to employers or educational institutions.

Overall, this e-learning website aims to provide a comprehensive and engaging learning experience to learners, helping them to achieve their educational and career goals.

Working Frontend-

1. Html:

It is a front-end-based language. It is used to create our website page

2. CSS:

It is a front-end-based language. it is used to style our web page. we use this language to display our site beautifully in front of users.

3. Bootstrap:

We use bootstrap for the framework, and to make our website responsive like in the feedback feature, login feature etc.

4. JavaScript:

We use this programming language to make dynamic features on our website. it stores information in a series of variables and uses rules that guide how users interact with the program easily. it updates us about user interaction with our website.

Working Backend-

1-PHP:- PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

Implementation-

For the implementation of the StudySavy we use frontend (HTML, CSS, JAVA SCRIPT) technology and some concepts of databases & php. firstly we initialize the home page using a frond-end scripting language. There is a login page and a brief history about Courses and abouts page for website visit by the help of frontend technology Provide access to high-quality educational content: The website should offer a wide range of educational materials, eBooks, and interactive courses that are created by subject matter experts, and there is also a registration form for student enrolment create by the help of php.

REFERENCES

Websites-

W3School: <https://www.w3schools.com/>

Bootstrap: <https://getbootstrap.com/>

YouTube

Mentor:

Mr. Mandeep Singh