St. Francis College for Women
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ÉTUDESYNC

BSc Software Engineering (Honors) Dissertation

Submitted to St. Francis College for Women in partial fulfilment of the requirements for the award of the Degree of

Bachelor of Science

by

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ABSTRACT

ÉtudeSync – A Study and Collaboration Platform

Online learning was earlier used by a limited number of people, but today it has become common for many. Students, teachers, educators, and working professionals use online platforms to learn new things, share knowledge, and improve their skills. As online learning has increased, people have started using different applications for communication, group work, and personal learning. However, using many platforms at the same time often creates confusion and makes it difficult to manage everything properly.

ÉtudeSync was developed to bring learning and collaboration into one place where people can study and work together. The platform allows people to create accounts and join virtual rooms. Inside these rooms, they can communicate through text chat and use features like a shared whiteboard, file sharing, quizzes, and polls while working together in one place.

ÉtudeSync is not limited to group activities alone. It also includes tools for individual learning such as a Pomodoro timer, flashcards, games, to-do lists, mind maps, journaling, and mood tracking. These tools are useful for managing time and maintaining regular learning routines. ÉtudeSync also has some premium features. One of them is secure file storage to keep all important files in one place.

In this way, learning and collaboration remain together on a single platform, and people do not have to depend on many different applications.

CHAPTER – 1
INTRODUCTION

1.1 OBJECTIVES

- The main idea of this project is to provide a common platform for learning and collaboration.

- To allow people to study, communicate, and work together using a single platform.

- To make online learning and group activities easier and more organized.

1.2 PURPOSE

- The purpose of this project is to simplify online learning and collaboration.

- It aims to reduce the use of multiple applications by providing all learning and collaboration features in one place.

- ÉtudeSync helps people manage their learning activities in a more efficient and structured manner.

1.3 SCOPE AND APPLICABILITY

- This project can be used by students, teachers, educators, and working professionals.

- It is suitable for online learning, group discussions, individual study and self-relaxation.

- The platform can be used for both personal learning and collaborative activities.

1.4 ACHIEVEMENTS

Have a thorough understanding of:

- Creating a real-world web-based application.

- Designing an application using flow diagrams and basic UML diagrams.

- Gaining knowledge of web technologies such as HTML, CSS, and JavaScript.

- Learning server-side concepts and database management.

- Managing and storing data using MySQL.

1.5 ORGANISATION OF REPORT

The report is organized into the following chapters, which will give the complete development of the project:

1. **Chapter 1** – Introduction of the project.

2. **Chapter 2** – Technologies used in developing this website.

3. **Chapter 3** – About the flow of the website explained using UML diagrams.

4. **Chapter 4** – User interface design, coding, and database details.

5. **Chapter 5** – Conclusion, limitations, and future scope.

6. **References** – List of resources used for the project.