Cloud PDF Storage

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BS-CPE 2

2nd Sem S.Y. 2022-2023

April 24, 2023

Date Submitted

Web Application Development

II. Introduction

The world of technology is evolving rapidly, and the civilization is utilizing it to its fullest in all aspects of life which includes the sharing of information. One such way of sharing information in this technological era is through digital documents. PDF or Portable Display Formats are non-editable type of digital documents that can contain various information from simple texts to large images. PDFs are popular because of their flexibility as they can almost be opened in any device which makes them reliable for sharing documents to others such as thesis papers, data charts, learning materials and more.

The widespread use of PDF can become messy for an individual if they are not able to organize their PDF files properly, which can become problematic at some point when left unattended. This is where our project comes in, Nimbus is a web-based application designed to provide users with a secure and efficient way to store, manage, and access their PDF files in the cloud. With Nimbus, users can easily upload, store, organize, search, and access their PDF files from anywhere with an internet connection. The project is built using HTML, CSS, JavaScript, and PHP.

In the following sections, we will discuss the objectives of this project in more detail, including its usefulness and benefits for users. We will also provide a detailed overview of the project scope, including its features and the target users of the application.

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III. Project Objectives

This project has been developed with the primary goal of simplifying the management of PDF files for users. The goal of the Nimbus project is to provide users with a user-friendly platform to store, manage, and access their PDF files in the cloud. Nimbus aims to simplify the management of PDF files for users, providing a centralized location for storing and accessing their data.

Moreover, with the addition of ease in organizing the users PDF files, Nimbus also aims to ensure security over your documents so the users can rest easy as they upload their important and confidential files over our web applications cloud.

IV. Project Scope

Nimbus offers a range of features, including a login page where users can create a new account, login to an existing account, and reset their password if necessary. Upon logging in, users are directed to the main page, which serves as the central hub of the application. From here, users can upload and manage their PDF files, create folders, and move files in and out of folders to help organize their data. The main page also has a search function to help users find specific PDF files quickly.

This project also has features that gives the user full control of their privacy and account, these features include user authentication, access control, and data encryption

to protect users' sensitive data. Additionally, Nimbus allows users to edit their account information and settings, ensuring that their personal information is up-to-date and accurate.

Nimbus is useful for anyone who needs to store and manage PDF files. This includes students, professionals, and businesses that need a secure and efficient way to store and access their important PDF files in the cloud.