REMOTE PASSWORD MANAGEMENT SYSTEM

PROJECT SYNOPSIS

OF MINI PROJECT-II

(2020-2021)

BACHELOR OF TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING

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ABSTRACT

Today every person has generally many accounts on different online and offline platforms like Facebook, Google, Gmail, LinkedIn, Twitter and it is very difficult for a person to remember all the IDs and their passwords. Thorough this project we are providing facilitie to access all IDS, passwords and notes globally anytime anywhere by just one login with OTP.

MOTIVATION

The motivation behind this project is to provide better privacy and accessibility for a user. Because Now a days Every person has some important notes and so many IDs and passwords to remember and it is difficult to remember all of these. Therefore, through this project we are providing facilities to store passwords in encrypted format and notes with login protection and user can access these notes and password globally.

LITERATURE REVIEW

Currently the password management and stroring important notes is done manually. Either a person is stroing every passwords and notes in offline or in some disk but this is time consuming and risky process because there is a single point of failure if the disk is crashed all the data will be deleted and difficult to carry the disk or paper everywhere.Existing System is good in terms of privacy that a other person can't access user's disk or system but in this project we are maintaining privacy concerns also like all passwords will be stored in encrypted format and this data can be access by only authorized user by login with OTP.

PROBLEM FORMULATION / OBJECTIVES

Objective of this project "REMOTE PASSWORD MANAGEMENT SYSTEM" is to provide Facility to a user to store IDS, password (Encrypted Format) and Make Notes which can be access globally anytime anywhere with just login and to reduce the time taken in searching notes and password in offline or in disk.

METHODOLOGY / PLANNING OF WORK

"REMOTE PASSWORD MANAGEMENT SYSTEM" is a web-based Project which will be implement using MERN technologies. HTML, CSS, Java Script is used to developed its graphical user interface (GUI) for login page and inner dashboard. To store all the Password in Encrypted format we are using encryption techniques like AES-256. We are providing facility to make diary notes also. In this project MongoDB database is used for storing the data. The user has to login to the system with OTP. It checks that an Authorized user is login or not. User Can make account and can add user name and password details and save to the database.

FACILITIES REQUIRED FOR PROPESED WORK

Software Specification

- Technology Implemented   :   Web Development

- Language Used   :   HTML, CSS, JavaScript

- Development Environment   :   Node.js, Express

- Web Browser   :   Chrome /Mozilla

- Code Editor   :   Visual Studio Code

Hardware Requirements

- Processor   :   Intel I3

- Operating System   :   Windows 7/8/10, Linux, Mac OS

- RAM   :   4+GB

- Hard disk   :   64 GB

- Hardware Devices   :   Computer System

GITHUB LINK

https://github.com/Achal4004/RemotePasswordManagementSystem

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