The main objective of this project on PASSWORD MANAGER is to make the task of managing lots of passwords of various sites easily.

This project is made with the help of mysql connectivity with python, where python acts as a front end and mysql as back end.

This program will accept the password, user name and site name as input and store it in the form of a table in mysql. If one wants to check the entries he/she must enter a master password to start the program.



**\*\*Why do you need a password manager?**

From ordering food from our favorite restaurant to attending business meetings from home, everything is now possible from the comfort of our Smartphone in this online world. While our tasks have gotten easier, we're also tasked with managing the passwords of the accounts associated with these apps. Sadly, most of us are not great at that.

In order to easily remember passwords to all their accounts, millions of people use passwords which are weak or easily guessable and readily available on the dark web. This leads to major data breaches, as stolen credentials continue to be one of the top cyber threats for businesses. This is where a password manager helps.

**\*\*What is a password manager?**

A password manager allows individuals and businesses to save and manage all their passwords from one safe space. Thus, users will no longer be required to remember multiple passwords. All they have to remember is their master password that unlocks their password manager. Most password managers are accessible across different platforms and devices, making password management hassle-free.

**\*\*What are the advantages of using a password manager?**

The advantages of using a password manager may vary based on the user's adoption, but essentially, a password manager offers users the following benefits:

* Central access to all accounts and passwords.
* Strong and unique passwords for all accounts.
* Security insight on every password managed.
* Flexible accessible for user accounts.

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**KORBA (C.G.)-495684**

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**(SESSION:-2022-23)**

**COMPUTER SCIENCE PROJECT ON**

**PASSWORD MANAGER**

**GUIDED BY:- SUBMITTED BY:-**

**Mr. MANOJ PEDE VAIBHAV KU. SAHU**

**(PGT-COMPUTER SCI.) CLASS-XII (A)**

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**(SESSION:-2022-23)**

**COMPUTER SCIENCE PROJECT ON**

**PASSWORD MANAGER**

**GUIDED BY:- SUBMITTED BY:-**

**Mr. MANOJ PEDE HARSH KAUSHIK**

**(PGT-COMPUTER SCI.) CLASS-XII (A)**

**ACKNOWLEDGEMENT**

In successful accomplishment of this Computer Science project work in Python language, many people have bestowed upon their blessings and heart pledged support to me. I would like to thank all of them.

First of all, I would like to thank my Computer Science Teacher, **Mr.Manoj Keshav Pede sir,** whose valuable guidance and supporthas served as the major contributor towards the accomplishment of this project.

It gives me immense pleasure to express my heartfelt gratitude to our honorable Principal Sir, **Mr. Kailash** **Pawar** for providing us necessary resources to complete the project.

I am also thankful to all my friends who indirectly helped me to complete this project successfully.

I wish forever prosperity to my esteemed institution “Delhi Public School, Balco Nagar, Korba”.

**VAIBHAV KUMAR SAHU**

**XII-A**

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**HARSH KAUSHIK**

**XII-A**



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KORBA (C.G.) 495684

**DEPARTMENT OF COMPUTER SCIENCE**

**CERTIFICATE**

This is to certify that VAIBHAV KUMAR SAHU of XII-A has satisfactorily completed Computer Science Project Work entitled “PASSSWORD MANAGER” in Python as prescribed by the Central Board of Secondary Education, Delhi for the academic session 2022-23.

He has completed all the assigned tasks under my supervision honestly & satisfactorily to the best of my knowledge & belief and submitted the same for partial fulfillment of AISSCE Practical Exam.-2023

Sign of Internal examiner: Sign of External examiner:

Internal examiner no.-\_\_\_\_\_ External examiner no.-\_\_\_\_\_

Principal

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KORBA (C.G.) 495684

**DEPARTMENT OF COMPUTER SCIENCE**

**CERTIFICATE**

This is to certify that HARSH KAUSHIK of XII-A has satisfactorily completed Computer Science Project Work entitled “PASSSWORD MANAGER” in Python as prescribed by the Central Board of Secondary Education, Delhi for the academic session 2022-23.

He has completed all the assigned tasks under my supervision honestly & satisfactorily to the best of my knowledge & belief and submitted the same for partial fulfillment of AISSCE Practical Exam.-2023

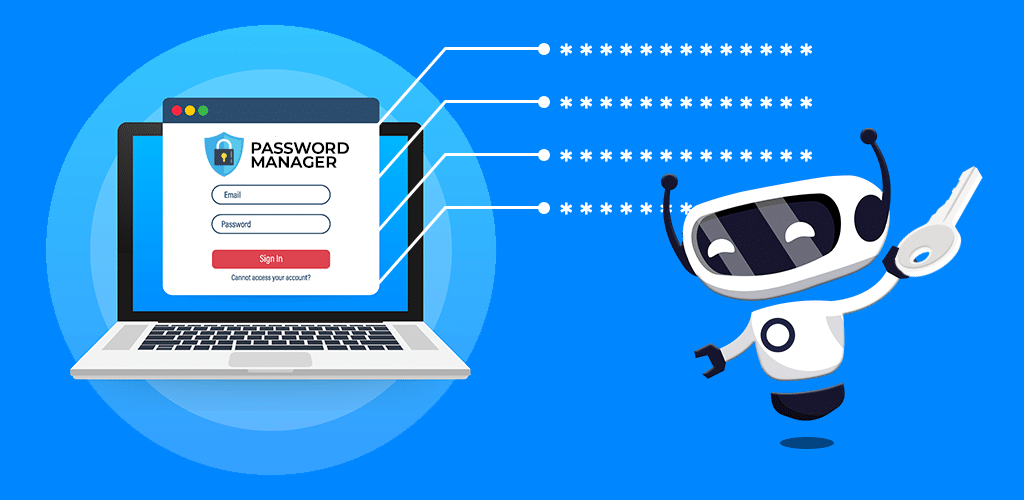
Sign of Internal examiner: Sign of External examiner:

Internal examiner no.-\_\_\_\_\_ External examiner no.-\_\_\_\_\_

Principal

* www.Google.com
* www.Wikipedia.com
* GitHub
* Computer Science book by Sumita Arora (Class-12th)

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