Week 2 Progress Report on password Manager

UpSkill Campus, UniConverge Technologies Pvt.Ltd.

Submitted by: Siriveli Ram Jahnavi

# Correspondence Address:

Siriveli Ram Jahnavi

Madanapalle Institute of Technology and Science,

Department of Computer Science and Engineering,

Angallu, Andhra Pradesh, 517326,

India.

Mail: [jahnavisiriveliram@gmail.com](mailto:jahnavisiriveliram@gmail.com)

Phone: +91 8374462856

**Overview**

During the second week, I focused on understanding the requirements of the “Password Manager” project and setting up the project environment. I made significant progress in developing the core functionality and database integration.

Tasks Completed

* Conducted a detailed analysis on “password manager”.
* successfully learnt the conditional statements.
* Rolling out the project solution, installing equipment,and launching software applications into our systems.
* started reading python book that you adviced.

Challenges Faced

* Making my system suitable to the project is the big challenge because it is new to me.
* I also learnt new modules which are required for my project.

Lessons Learned

Overall, the lessons learned from the "Password Manger" project highlighted the importance of data security and it is a real-world application.

Our understanding of project:

* We can generate a random string password in Python with letters, special characters, and digits using the following two ways.
* Combine the following three constants and use them as a data source for the random.choice() function to select random characters from it.
* string.ascii\_letters: To include letters from a-z and A-Z
* string.digits: To include digits from 1 to 10
* string.punctuation: to get special symbols
* Use the string.printable constant and choice() function. The string.printable contains a combination of digits, ascii\_letters (lowercase and uppercase letters), punctuation, and whitespace