

# Weekly Progress Report

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Domain: PYTHON

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**Week Ending: 01**

## **I. Overview:**

This week, the primary focus was on understanding USC\_TIA and contributing to Python projects. Additionally, efforts were made to leverage learning resources for skill enhancement.

## **II. Achievements:**

### **1. USC\_TIA Familiarization:**

- Explored USC\_TIA documentation to grasp core functionalities.
- Successfully executed basic tasks, showcasing initial proficiency.

### **2. Python Project Contributions:**

#### **Name of the project:- PASSWORD MANAGER**

- Contributed code to "Password Manager" with a focus on establishing solid foundation for the project by researching about required resources.
- Engaged in effective collaboration with team members.

### **3. Learning Python:**

- Acquired proficiency in essential Python libraries, such as NumPy, Matplotlib, Seaborn.
- Applied Python skills to real-world problems within USC\_TIA context.

## **III. Challenges:**

### **1. USC\_TIA Integration:**

- Encountered challenges during USC\_TIA integration with VS Code (IDE).
- Ongoing efforts to troubleshoot and ensure successful integration.

### **2. Python Project Complexity:**

- Faced complexity in understanding all the available libraries required for the Python project.
- Seeking guidance to overcome challenges and enhance understanding.

## **IV. Learning Resources:**

### **1. USC\_TIA Documentation:**

- Utilized USC\_TIA official documentation for reference and troubleshooting.
- Attended relevant webinars and online tutorials to deepen understanding.

### **2. Python Learning Resources:**

- Engaged with Edunet – Winter Internship in Python by UpSkill Campus to strengthen Python skills.
- Participated in Coding Ninja for practical application.

## **V. Next Week's Goals:**

### **1. USC\_TIA Enhancement:**

- Address integration challenges and explore advanced USC\_TIA features.
- Collaborate with peers to contribute to USC\_TIA improvement discussions.

### **2. Python Project Development:**

- Tackle more complex tasks within the Python project to increase contribution.
- Seek feedback from mentors and peers for continuous improvement.

## **VI. Additional Comments:**

I'm excited to start building the password manager and leveraging my Python Skills for practical and useful application. I'm also eager to contribute to USC\_TIA projects and gain valuable experience from the community.