

Weekly Progress Report

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Domain: Python Programming

Date of submission:

Week Ending: 02

I. Overview:

This week, the primary focus was on understanding USC_TIA and contributing to Python projects. Additionally, I developed a file organizer project using python. The program automatically organizes files in a folder based on their file extensions.

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:- File Organizer

-Implemented a file organizer script that automatically categorizes files into folders based on their file extensions.

- Engaged in effective collaboration with team members.

3.Learning Python:

- Acquired proficiency in essential Python libraries, such as os, pathlib for file handling and automation task
- Applied Python skills to real-world problems within USC_TIA context.
- Enhanced my understanding of practical python application

III. Challenges:

1. USC_TIA Integration:

- Encountered challenges during USC_TIA integration with concepts to structure file organizer workflows.
- Ongoing efforts to troubleshoot and ensure successful integration.

2. Python Project Complexity:

- Faced complexity in handling dynamic file paths, managing duplicate file names, and implementing conditional logic of 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 official documentation and online tutorials to strengthen Python skills.
- Participated in reviewed community discussions 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:

The File organizer was successfully implemented and tested. It provided hands on experience with automation and file management in Python.