

ENTRY APP - Task

Overview

This project provides an API for scheduling interviews by managing availability slots of candidates and interviewers. It includes two primary functionalities:

1. Registering available time slots.
2. Retrieving schedulable time slots based on the availability of a candidate and an interviewer.

Project git link :- <https://github.com/sreejesh2/InterviewScheduler.git>

swagger_url :- <http://localhost:8000/swagger/>

1. Better Solution Suggestion

Implementing a more advanced scheduling algorithm, such as those based on machine learning, could optimize the matching of time slots and predict optimal interview times based on historical data.

2. Improvement Suggestions

1. **Time Slot Granularity:** Allow time slots of variable duration.
2. **Conflict Resolution:** Integrate a more sophisticated conflict resolution mechanism to handle overlapping availability more effectively.
3. **User Authentication:** Secure the APIs with user authentication and authorization mechanisms.
4. **Testing:** Add comprehensive unit and integration tests for reliability.

For instructions on running the project and installing dependencies, please refer to the README file.