

CandidateController Assumptions

Get All Candidates:

All candidates in the system are retrieved without pagination or filtering.

No specific sort order is applied to the results.

Get Candidate By ID:

The provided ID exists in the system, and if it doesn't, an appropriate "not found" response is returned.

Search Candidates:

Search functionality works across multiple fields (e.g., name, email, phone).

Search terms are case-insensitive.

If no candidates match the search term, the system responds with "not found."

Upsert Candidate:

When adding a new candidate, all required fields (like FirstName, LastName, Email, Comment) are provided in the request.

If an email already exists in the system, the existing candidate is updated with the new data.

Missing fields in an update retain their previous values.

Schedule Interviews:

Interviews are scheduled only for candidates who have not received an email yet (SentEmail is false).

Dummy emails are sent to these candidates after scheduling their interview.

Update Selection Status:

The system uses the candidate's email to find the candidate.

If the email doesn't match any candidate, a "not found" response is returned.

The selection status (isSelected) is updated as requested.

InterviewScoreController Assumptions

Get All Scores:

All interview scores stored in the system are retrieved without filtering or pagination.

Get Score By ID:
The system returns a single interview score if the ID exists; otherwise, it responds with "not found."
Get Scores By Candidate Email:
The system validates the email format before attempting to find a candidate.
If the email matches a candidate, the system retrieves all interview scores linked to that candidate.
If no scores are found for the candidate, a "not found" response is returned.
Add Interview Score:
The request must include valid scores (e.g., TechnicalScore, CommunicationScore, ProblemSolvingScore).
If an email is provided, it is used to find the CandidateId. If not, CandidateId must be explicitly provided.
If TotalScore is left as 0, it is automatically calculated as the sum of the individual scores.
Update Interview Score:
The score ID must exist in the system. If not, a "not found" response is returned.
The provided scores and other details overwrite the existing record.
Delete Interview Score:
The score ID must exist in the system. If not, a "not found" response is returned.
Deleting a score doesn't affect the candidate's profile or other scores.