Steps

1. Import fastapi, openai, sqlite3 and uvicore
2. Establish a connection to the candidates.db database and create a cursor object
3. Add sample data to the database

(1, 'John Doe', 'Rejected', 'Lack of experience in required technologies.')

(2, 'Jane Smith', 'Hired', 'Excellent skills and team fit.')

(3, 'Alice Johnson', 'Assessment', 'Needs further evaluation.')

(4, 'Bob Brown', 'Interview', 'Scheduled for interview on Monday.')

1. Setup the open ai api key
2. Create a function to extract data from an database based on the candidate key
3. The client.completions.create() method sends a request to the OpenAI API with a prompt containing the candidate's information. The prompt includes placeholders for the candidate's name, status, and comments.The max\_tokens parameter specifies the maximum number of tokens (words) the AI model should generate in the response.
4. The response from the OpenAI API contains the generated email text. The function extracts the text of the email from the response and strips any leading or trailing whitespace.
5. Finally run the FastAPI application using the Uvicorn server.
6. Open the browser and run [localhost:8000/generate-email/2](http://localhost:8000/generate-email/2) The candidate key should be passed at the end and a response will be generated from the model and returned to the fastapi application.

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