**DEVELOPMENT QUESTION-1**

Resources used for reference- <https://youtu.be/UtwDAge75Ag?si=pqFhsThjBP3kMOlY>

<https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbjAyZGpKTzVDY05XdGtTN3FPbXB4ZTU5NS1md3xBQ3Jtc0tuUnRyUDlidTQtSGE1Nm5JWmFWYnBIMlBBZUJGclZNczh0TUQ5YXhibHA4UEpnM0pHOXVpWmwxeGFHVnc2YnBWRFRrUndJdjRLdlNORndnTEJtZ09kV0h0bDV1WTJFbWNOdk5RVXM2ZEo0UUphQXo0RQ&q=https%3A%2F%2Fplatform.openai.com%2Fdocs%2Fguides%2Ftext-generation%2Fjson-mode&v=UtwDAge75Ag>

<https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbGJvLTVYLVV3NUllel80N3dsaTRTbU9zWUpyQXxBQ3Jtc0trcWdiTk1KekxCdXEtdlNjMmlkRmpHem5qbDc1R0dKa0lKUEFXMlN5Q0xZcnhPT0hYOTVlYXo1ZU9nT2hRNHgwUDExVTRCbHN3REV3UTR0RjdiZkZuM3gtSDFUekhQY201RkgxRVQxX3NqSENIdDVlTQ&q=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_file_open.asp&v=UtwDAge75Ag>

Used groq api and groq api key.