**Objective:**

* Exploring and learning web development in a novel way with the help of AI Chatbot
* Try an unconventional way of developing a web app aimed at solving an issue faced my student at my university.

**Project name:** Lost and Found (A complete end-to-end web app)

**Tech Used:**

Front-end: HTML, CSS, JavaScript, python

Back-end: Flask, MySQL.

Chatbot: ChatGPT (version during the period of May 2023 to July 2023)

**Procedure followed**

* Used to imagine the outcome I want to achieve and accordingly prompt the chatbot in detail.
* For newer concepts faced during generation process, used to open a new chat and start a series of queries and response targeting the doubtful points unit I’ve completely grasped them all.
* Modify the generated information to suit my project requirement and apply it to my codebase.
* For maintaining a systematic work flow, had created separate chats for each new file or major code-block.

**Observations related to the Chatbot**

* Chatbot has persistent memory but lacks in co-relating newly generated responses with older ones for a better response.
* User needs to have some basic knowledge of the context to be able to fully understand build up their knowledge further or make the modifications that suits their requirements.
* In rare cases, chatbot may generate incomplete or out-dated responses which again can be identified if the user has his basic clear about that topic.
* Chatbot can generate various versions of solutions to a problem and then even comparing advantages and dis-advantages of each approach.
* Helps in debugging the errors faster.

**Conclusions/Results**

* This method of executing a project saves a huge amount of time on manual code generation, edition and verification part which can be invested in improving the logic and code quality.
* The whole process of understanding concepts, clearing doubts can become quite robust by using a Chatbot as it’s similar to taking to knowledgeable person directly who is quite patient to explain each and every thing in detail.
* User has to be careful of the outdated and wrong responses which can be generated occasionally.