

To,

IITD-AIA Foundation of Smart Manufacturing

Subject: **Weekly Progress Report for Week 8**

Dear sir,

Following is the required progress report to the best of my knowledge considering relevant topics to be covered.

What's happening this week:

- Worked on Question Answer Chain.
- Working on multiple URLs.
- Worked with Streamlit.

Weekly Progress:

July 24:

- On Leave due University Examination and Travelling.

July 25:

Working on QA Chain.

- Worked on QA chain of the model.
- Try to make UI for the chatbot using streamlit and pinecone.

July 26:

Try modelling using LangChain.

- Working on QA chain of the model.
- It is still facing some difficulties to answer some questions.
- Trying to think about more and more questions and add it to the model.

July 27:

Try modelling using LangChain and Facing some issues.

- Trying to add more qa chain.
- Also trying to access it as string instead of list.
- Also used chatterbot which comes with the inbuilt model parameters.

July 28:

Try modelling using LangChain.

- Experimenting the bot by giving different questions to it.
- But it is not giving accurate answers. so still figuring it out.

July 29:

Tried to make Interface.

- Testing chatbot with different different questions.
- Trying to make UI for it on the other side.
- Making UI with the python library pinecone and streamlit.

July 23:

Tried to implement Chatbot on Multiple Webpages. Also faced some issues.

- Trying to build it on multiple URL's.
- Also tried to retrieve the data from mutiple files extracted from websites. But Facing Difficulties in it.