

DESIGN AND IMPLEMENTATION OF INTELLIGENT TEACHING CHATBOT

P. S. Sanmuga Mithra (710020106024)

G. Shriram (710020106025)

G. S. Shruthi (710020106027)

II- year B.E. - ECE (2020-2024 Batch)

Department of Electronics and Communication Engineering

Anna University Regional Campus Coimbatore

Mentors:

1. Dr.V.R.Vijaykumar,
Associate Professor & Head,
Department of Electronics and Communication
Engineering
Anna University Regional Campus Coimbatore.
Ph: 9442014139
E-Mail: vr_vijay@yahoo.com

2. Dr.S.Saravanakumar,
Assistant Professor,
Department of Electronics and Communication
Engineering
Anna University Regional Campus Coimbatore.
Ph: 9865285501
E-Mail: sskaucbe@gmail.com

OBJECTIVES

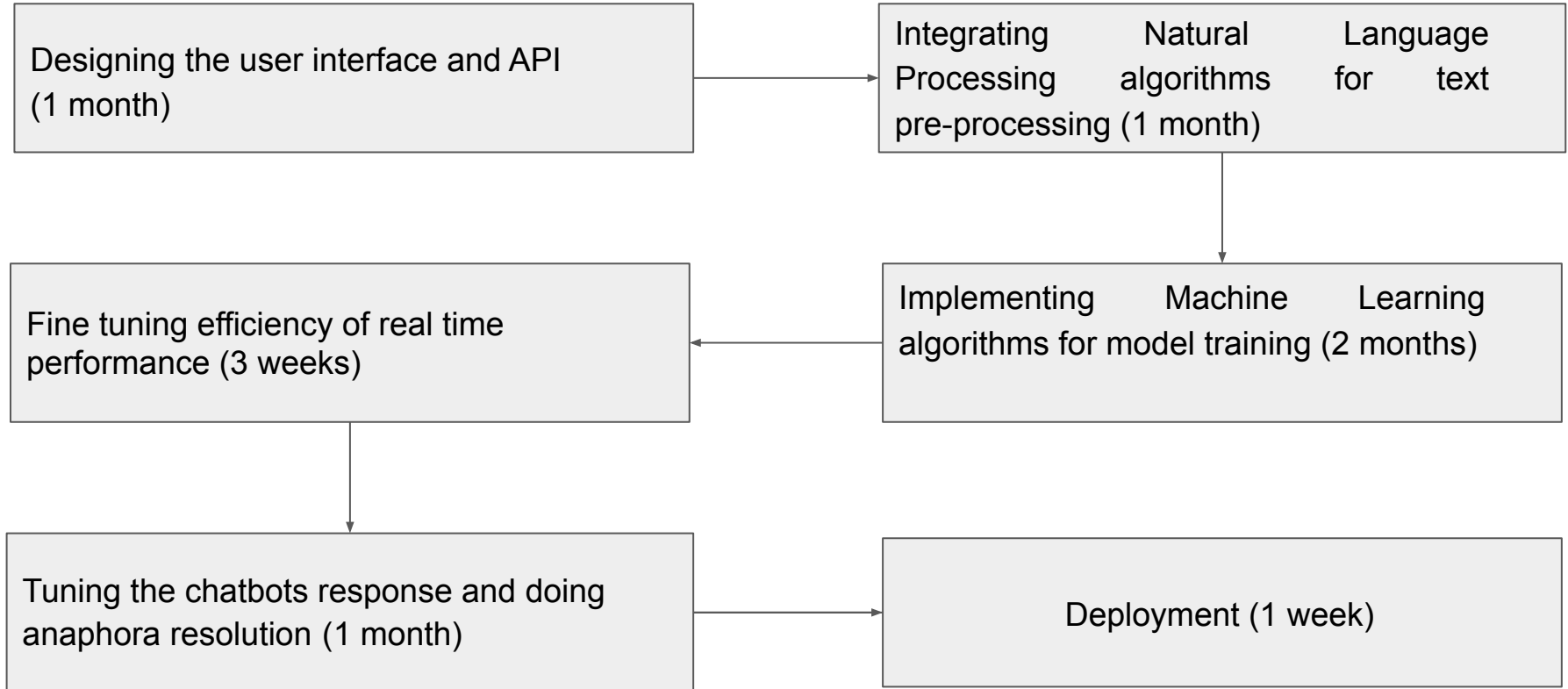
Ideally, the chatbot should be able :

- To provide means to automatically extract summarized content from the input data.
- To auto-evaluate answers from given data.
- To provide response to users in real-time.
- To request human intervention when appropriate.
- To allow tuning of the bot's responses by the user.

NOVELTY/ INNOVATION

- It serves as a highly personalized and customizable natural language processing and generation tool, which aims to provide the above stated objectives to both students and faculty.
- It reduces necessity for offline interaction for evaluation purposes and feedback.
- It automates daily rote tasks for all users involved.

WORK PLAN (With Estimated Time)



EXPECTED DELIVERABLES AND SOCIETAL RELEVANCE

- It functions as an optimized tool tailored as a web app to all students in need of NLP tools.
- It aids them in providing quick summarization for revision of concepts.
- It functions as support tool for online pedagogy.
- It can also be used by faculties and administrators for ease of management.

PROPOSED BUDGET

MATERIAL/ FABRICATION	Rs.22,000
TRAVEL	Rs.1,000
CONTINGENCY	Rs.1,000
CONSUMABLES	Rs.1,000
TOTAL	Rs.25,000