
9/19 Meeting

Nexteer (AI Bots) Capstone Team



Agenda

Progress in the Past Week

Deliverable

Proposed Milestones

Initial Plan



Deliverable

POC:

1. A model that understands user query domain
2. Redirection logic/demo of redirecting user to specialized chatbots

Deliverable items:

1. Code (for testing model/redirection logic)
2. Documentation/Report



Milestones/Progress

Milestone 1: Data collection for the purpose of domain classification

(For ex. "I need help with billing"->Sales , "Who is the CEO"->Organization)

Milestone 2: Surveying state-of-the art language based models to understanding user query domain. (GPT models/BERT,etc)

Milestone 3: Testing and benchmarking shortlisted models on collected data

Milestone 4: Setting up specialized dummy chatbots for redirection that can be accessed via an API

Milestone 5: Setting up POC with complete flow of user interacting with dispatcher bot to being redirected to specialized/dummy chatbots

Initial Plan

- A. Collect data to test user query domain understanding
- B. Research/survey models that can be used for the domain classification task.