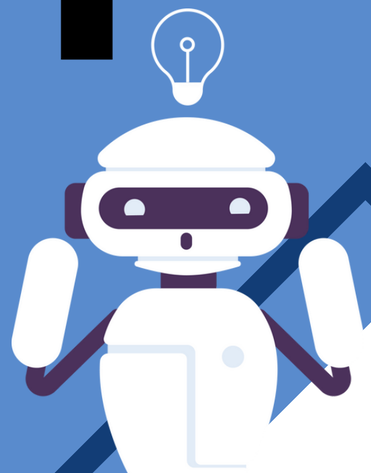
deti

DETIBOT

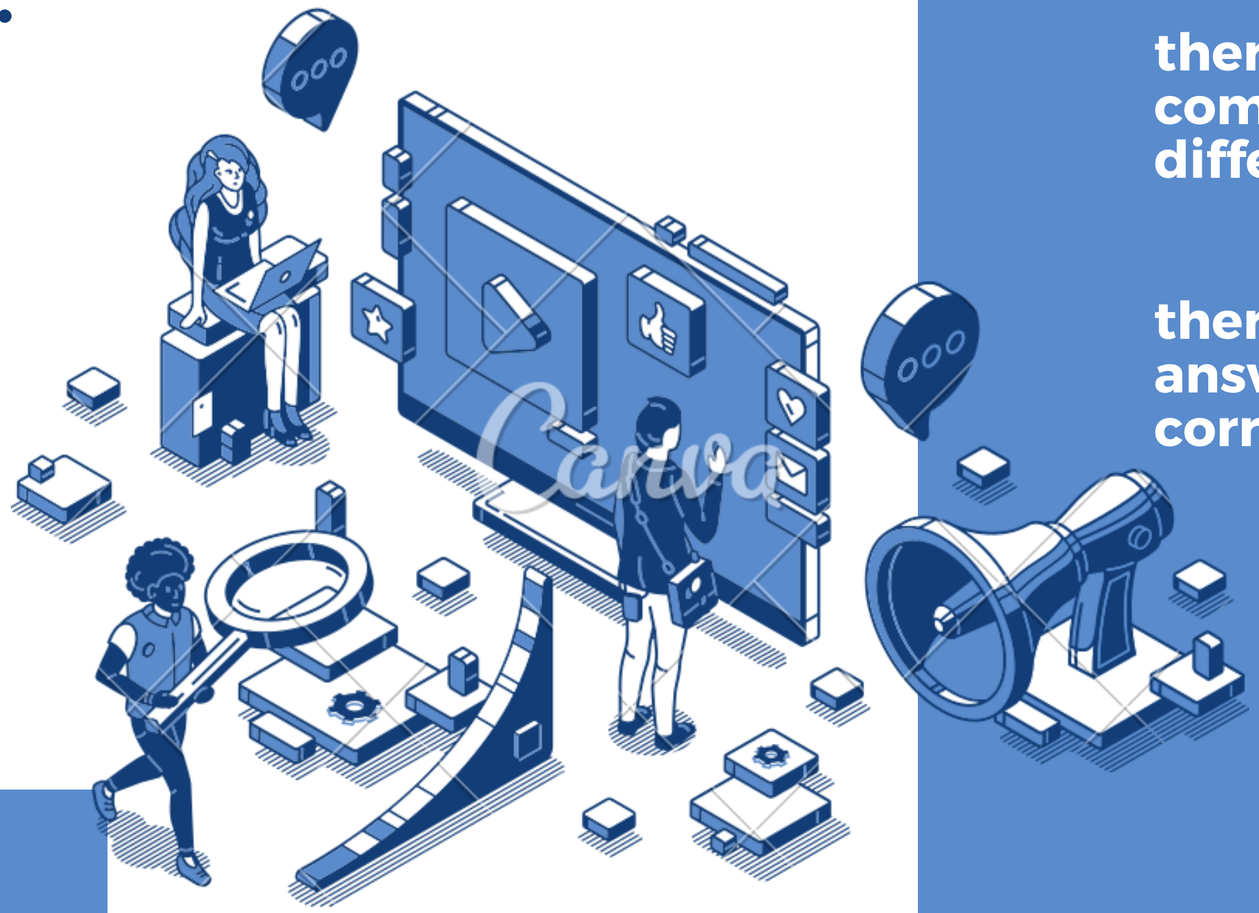
Milestone 3



Grupo n°12

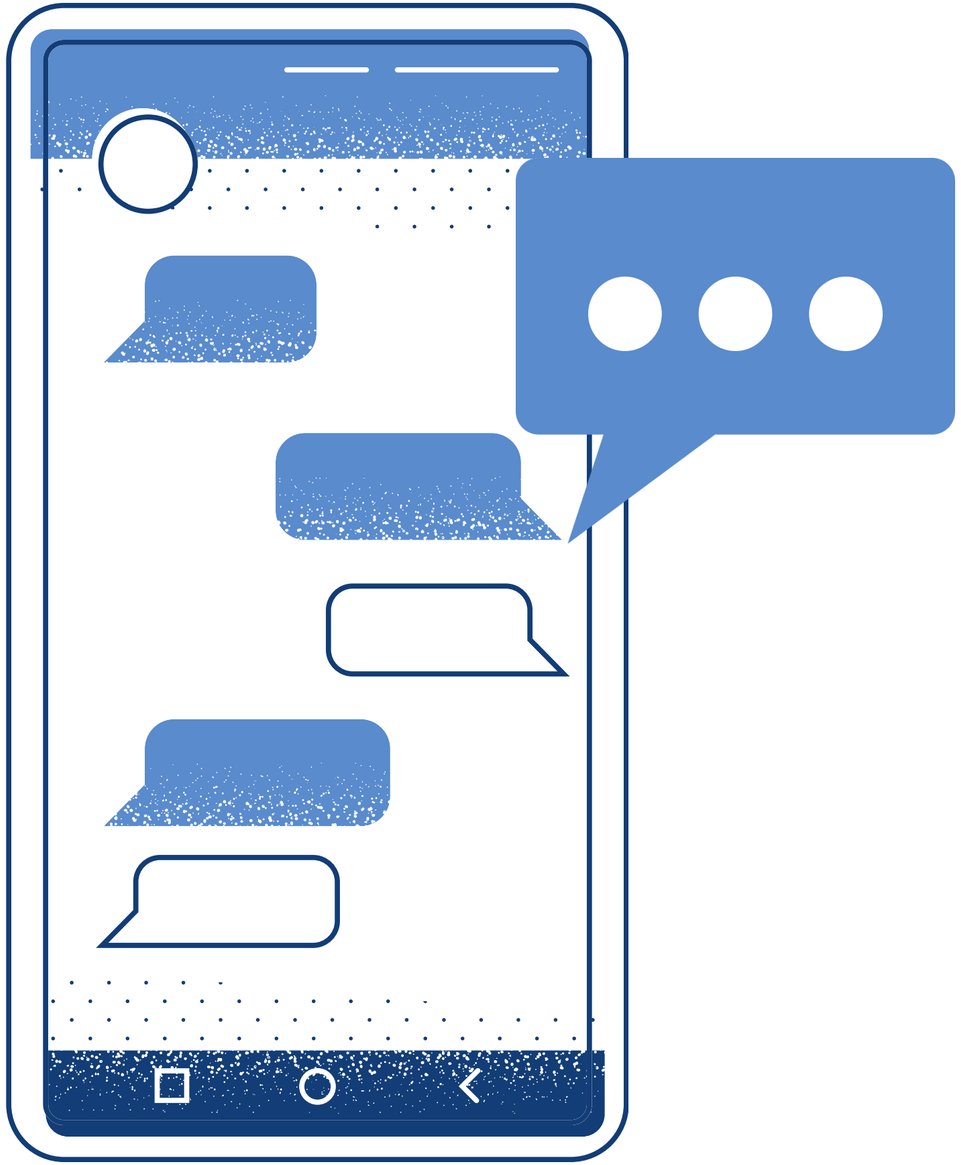
Projeto n°13

Context



there is a wide variety of sites, portals and communication services that contain different types of information.

there is a need to create an agent that answers any question about the department correctly



Our Product

“This project aims to develop a DETI Bot agent that leverages both Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG) to monitor and index all relevant data sources pertaining to departmental activities. The bot will offer diverse interfaces for the community to seamlessly interact with this information. “

from “Project planning tasks” slides

Main Functionalities

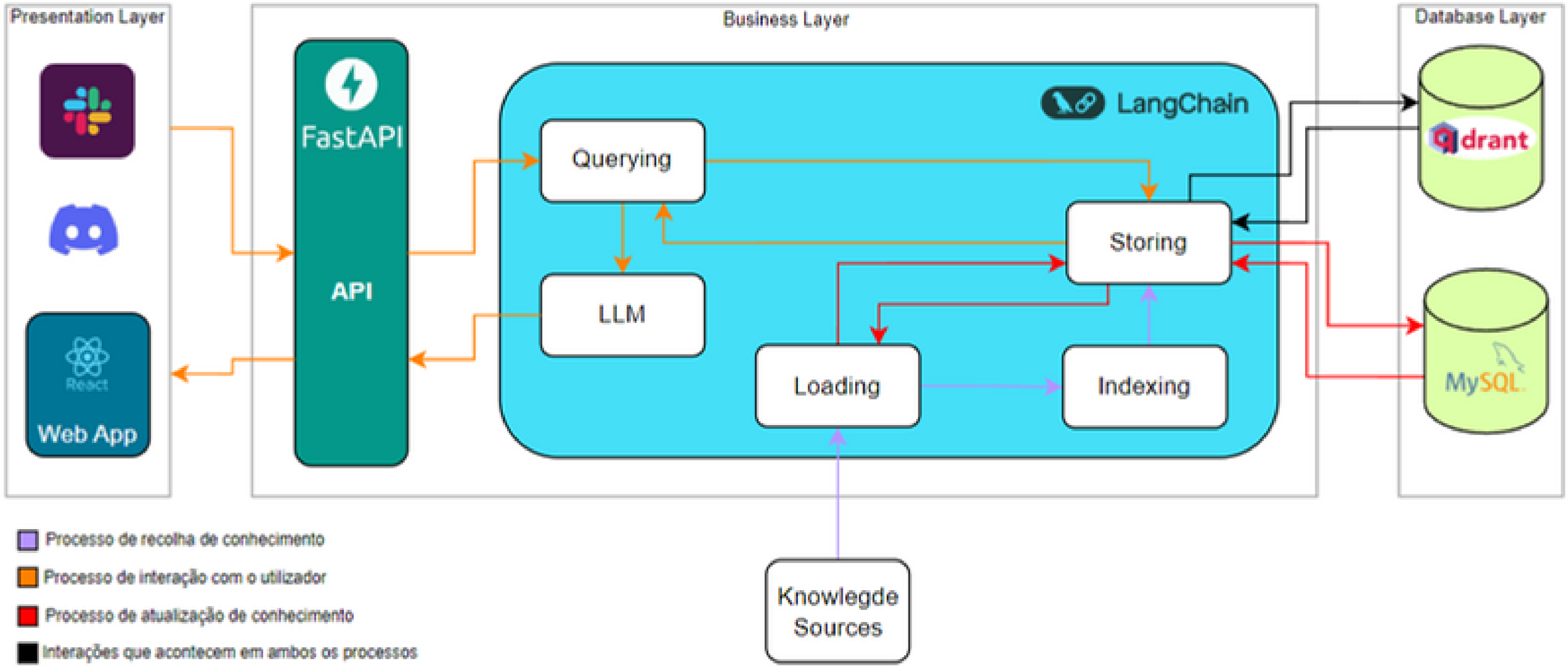
Students need to to know about events, room locations, schedules, services

Professor need to know of events, educational files, administrative contacts, research groups, and projects

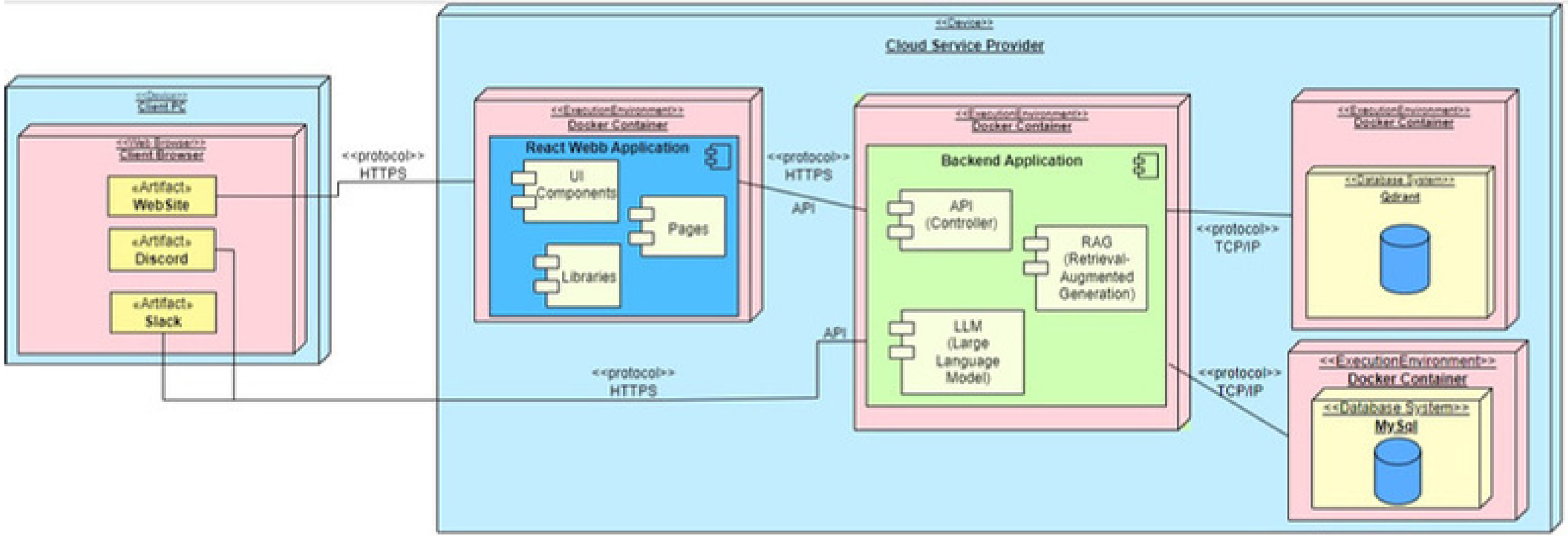
Staff need easy access to different DETI contacts

Visitors need to seeDETI presentation, demos, projects, and events open to the public

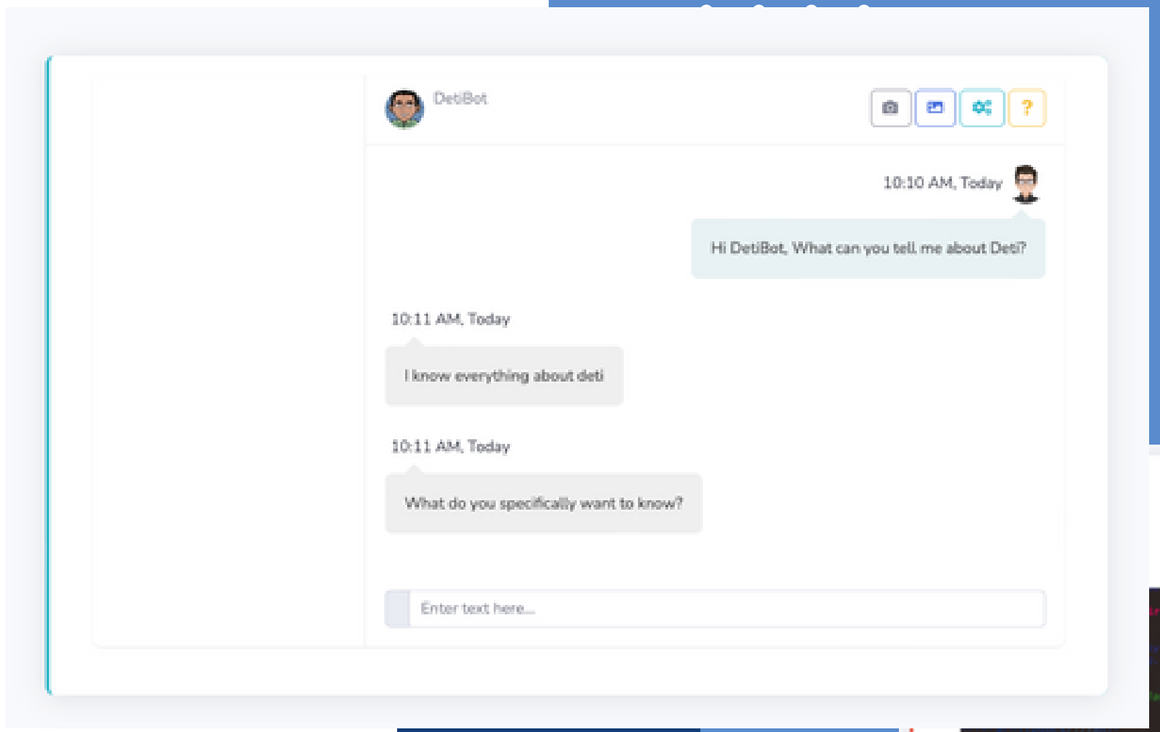
Updated System Architecture

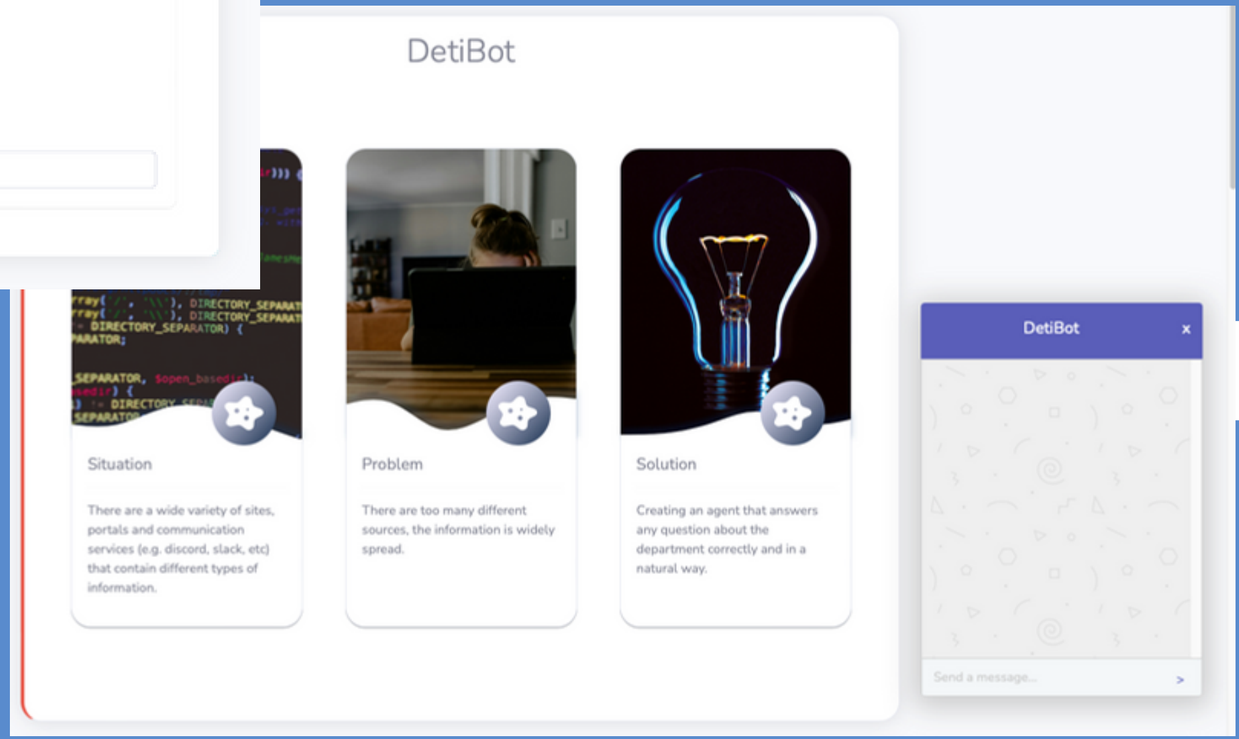


Updated Deployment Diagram

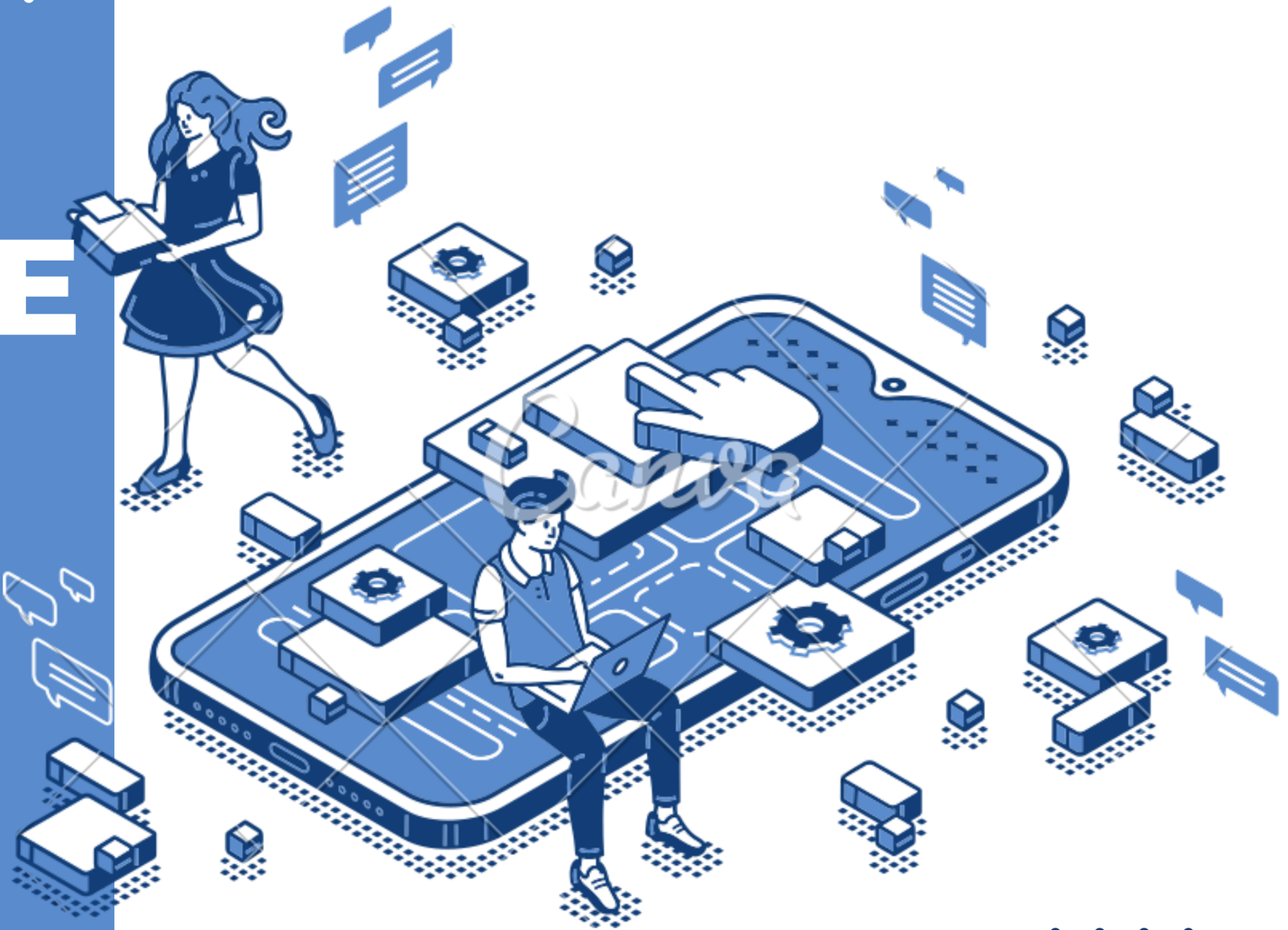


MOCKUP


DetiBot
10:10 AM, Today
Hi DetiBot, What can you tell me about Deti?
10:11 AM, Today
I know everything about deti
10:11 AM, Today
What do you specifically want to know?
Enter text here...


DetiBot
Situation
There are a wide variety of sites, portals and communication services (e.g. discord, slack, etc) that contain different types of information.
Problem
There are too many different sources, the information is widely spread.
Solution
Creating an agent that answers any question about the department correctly and in a natural way.
DetiBot
Send a message...

PROTOTYPE



Next Steps

- QA testing
- Fine tune RAG and LLM
- Deploy OpenLLM on a DETI server
- Improve Frontend
- Add Upload files capability on the administrative side