Chat IHEC
Your guide through IHEC

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Our chatbot, designed for IHEC students, is your friendly guide to navigating campus life. From answering questions about schedules and locations to providing quick tips on resources, we're here to help you settle in and thrive during your first days at IHEC.
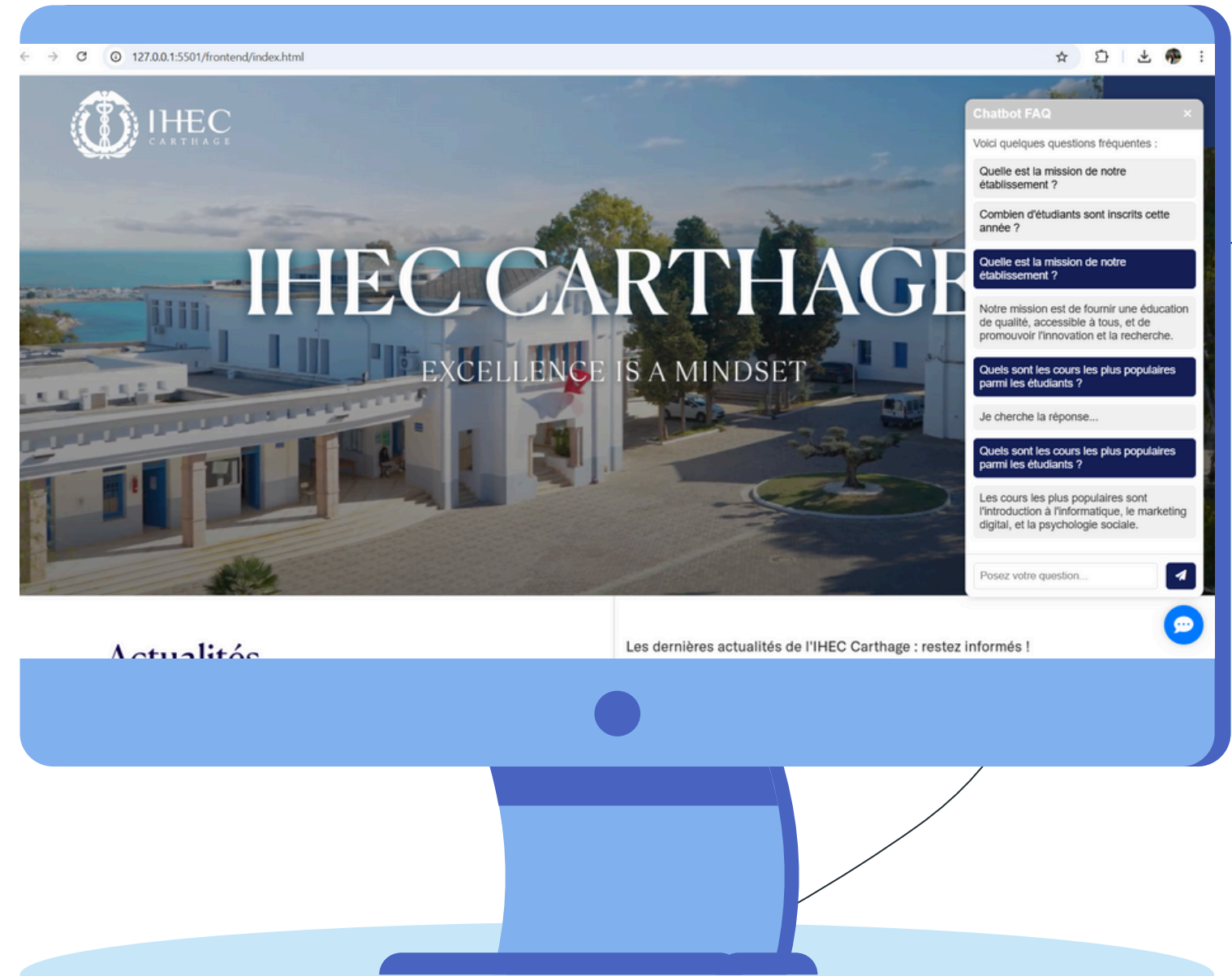
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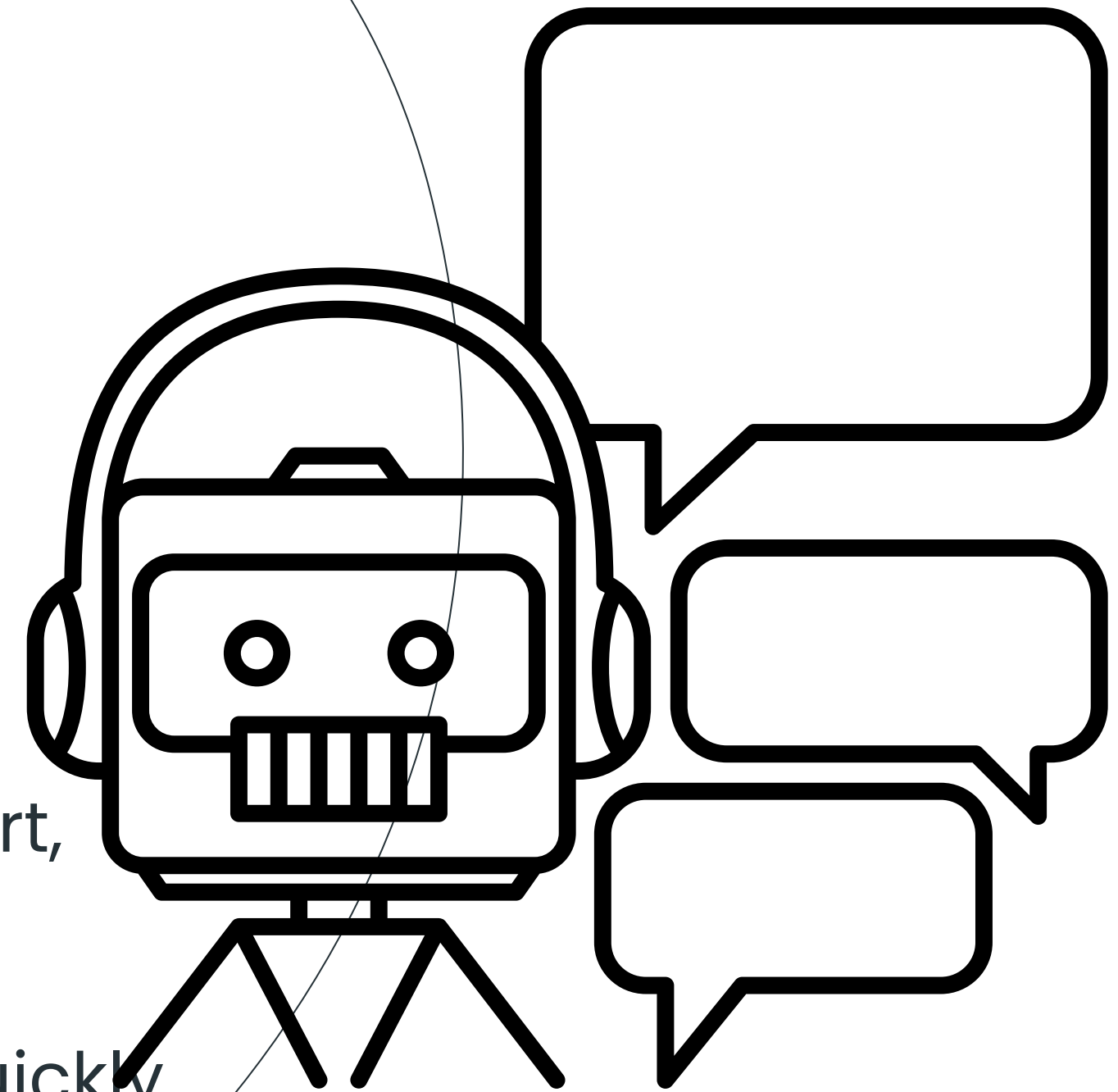
Why Chatbots?

1. Importance of Chatbots
Chatbots are revolutionizing industries by automating tasks, enhancing customer support, and providing instant service.

2. How Chatbots Facilitate Our Lives
With their ability to handle a variety of tasks quickly and efficiently, chatbots make our lives more convenient and accessible at any time.
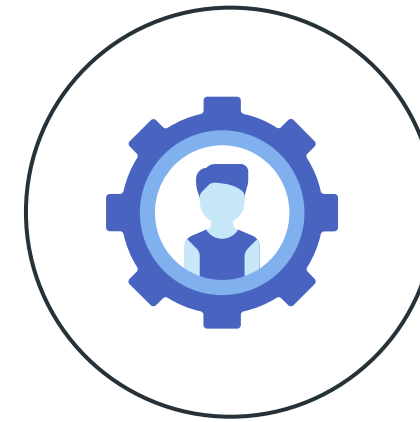
Our Chatbot Features: Why Choose Our Chatbot

Tailored to Specific Needs

Our chatbot is designed to meet diverse needs, offering predefined answers and generating dynamic responses through advanced AI models.

Efficient and User-Friendly

The chatbot ensures quick, accurate answers with an intuitive interface, making interactions seamless and engaging.

Continuous Improvement

We are committed to constantly improving the chatbot's abilities through learning from user feedback and real-time data
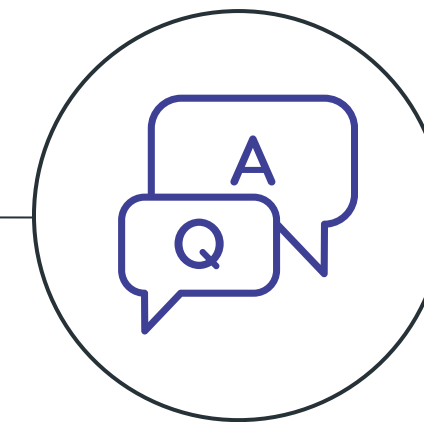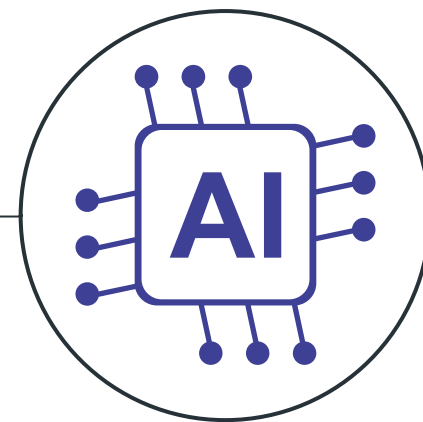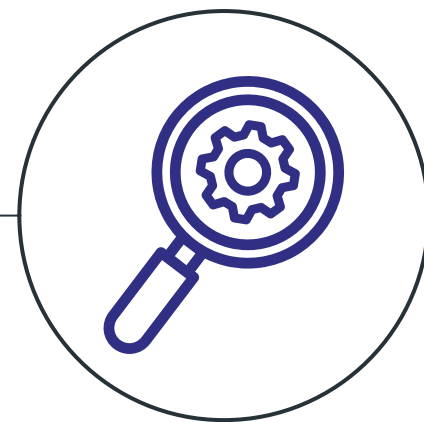
Project Timeline

Réception de la Question

L'utilisateur envoie une question via l'interface du chatbot, exprimant son besoin ou sa préoccupation.

Génération de la Réponse

Si aucune correspondance n'est trouvée, un modèle d'IA génère une réponse basée sur le contexte de la question

Analyse et Correspondance

Le système analyse la question et recherche une correspondance exacte ou proche dans la base de données FAQ grâce à des algorithmes comme FuzzyWuzzy.

Envoi de la Réponse

La réponse (préenregistrée ou générée) est renvoyée à l'utilisateur de manière claire et compréhensible.

Perspective: What We Aim to Improve

1

Enhanced Understanding and Context Awareness

We aim to improve the chatbot's capacity to understand complex queries and contexts, ensuring better responses to dynamic conversations.
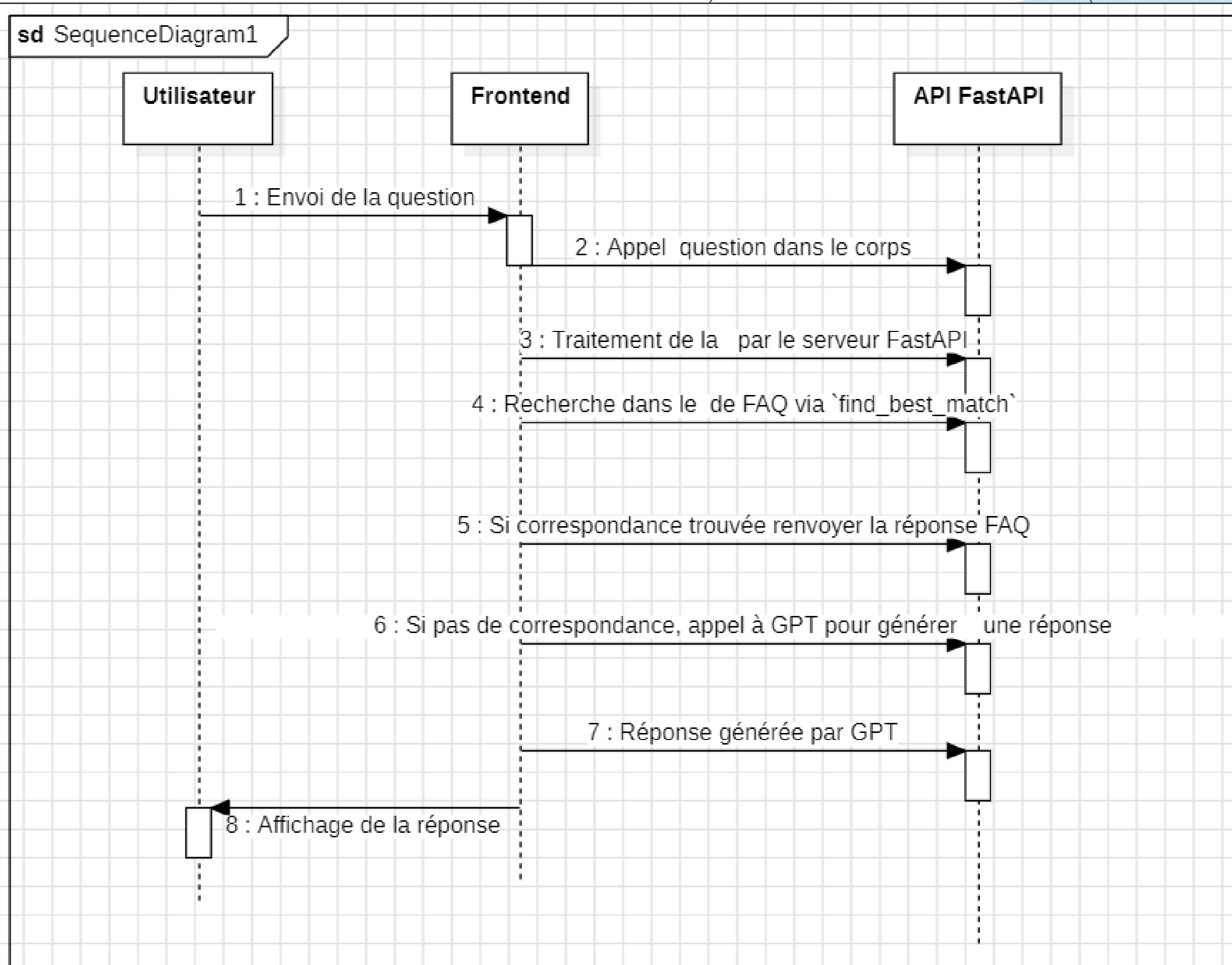
2

Personalization

Our focus is on creating a more personalized experience by tailoring responses based on users' preferences and past interactions.

3

Multi-Language Support

We plan to expand the chatbot's reach by adding multi-language support, making it more accessible to a global audience.

sd SequenceDiagram1

Utilisateur — Frontend — API FastAPI

1 : Envoi de la question

2 : Appel question dans le corps

3 : Traitement de la   par le serveur FastAPI

4 : Recherche dans le de FAQ via `find_best_match`

5 : Si correspondance trouvée renvoyer la réponse FAQ

6 : Si pas de correspondance, appel à GPT pour générer   une réponse

7 : Réponse générée par GPT

8 : Affichage de la réponse

Conclusion

Chatbots are reshaping user experiences across various domains, and we are excited about the future of AI-driven conversations that are smarter and more capable with each interaction.

Thanks!

Do you have any questions?
chatihec@gmail.com
+91 620 421 838
chatihec.com

- **software developpers:**
  - **Achref Kerkeni**
  - **Aya annabi**
  - **Mohamed Ramez Mabrouk**