

Price Negotiator E-commerce Chatbot System

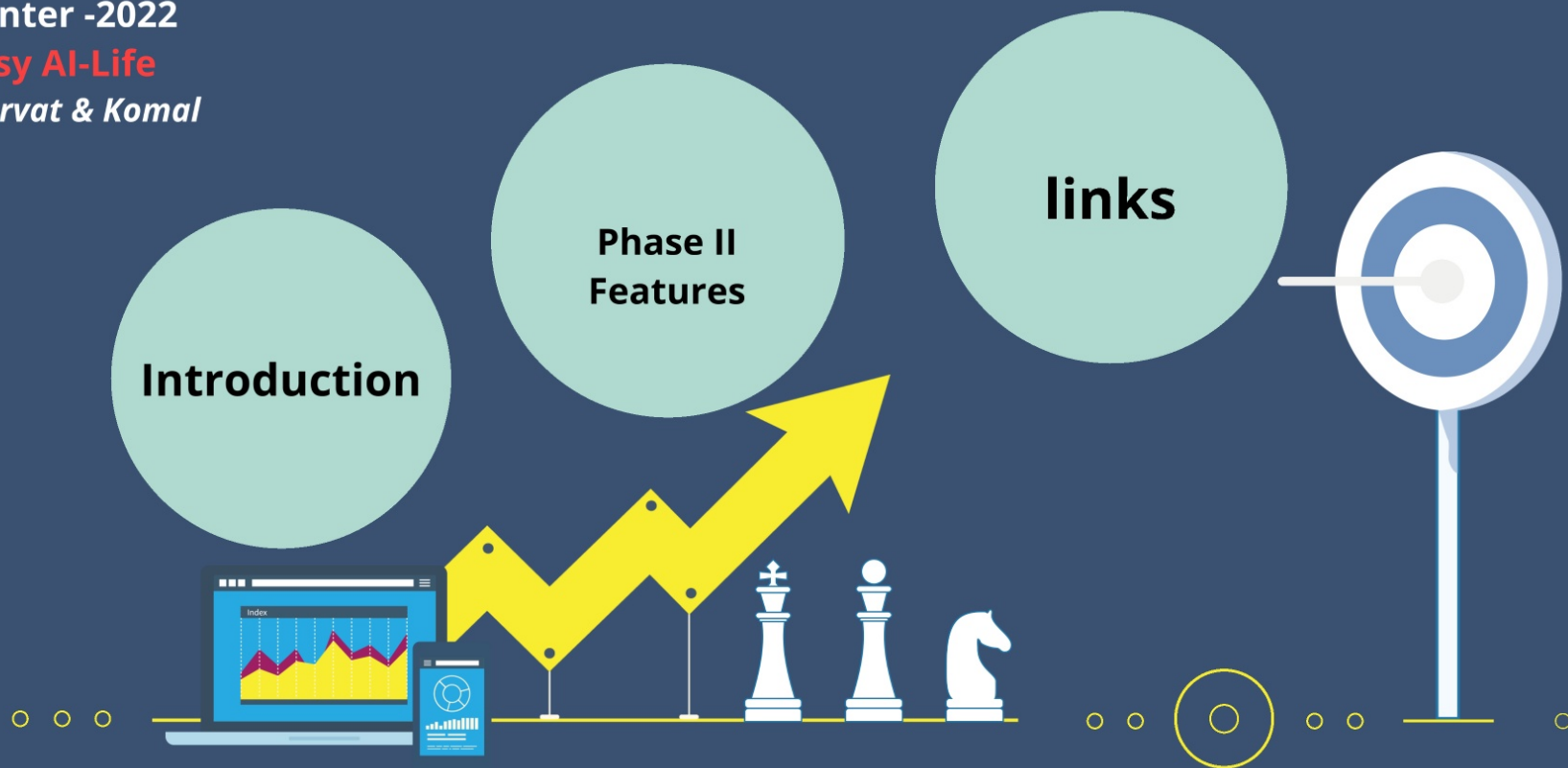
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Introduction



Executive
Summary

Project
Brief

Executive Summary

Problem

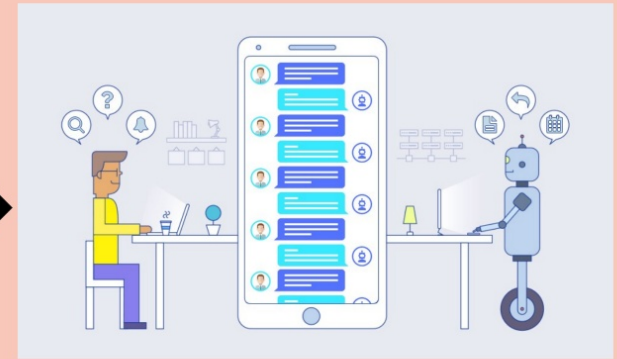


**Negotiating Prices with
Customers**

Solution



Result



**Chatbot Prices
Negotiator**

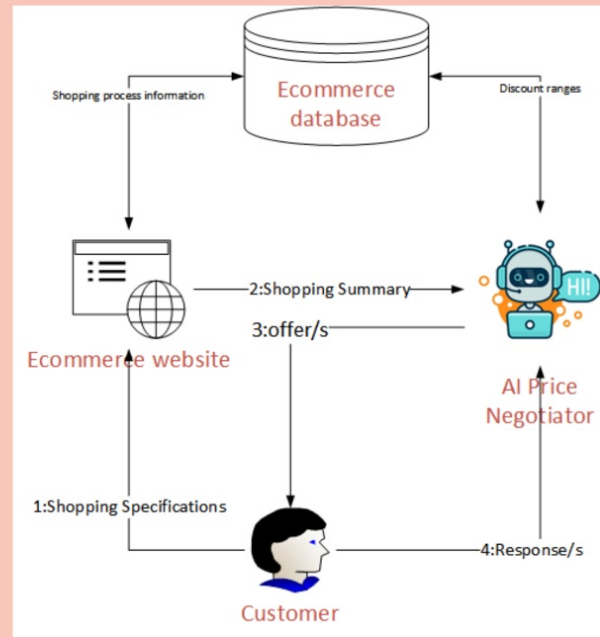
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Project Architecture



Technologies

Technologies

Django framework: Django is a collection of Python libs allowing you to quickly and efficiently create a quality Web application, and is suitable for both frontend and backend .



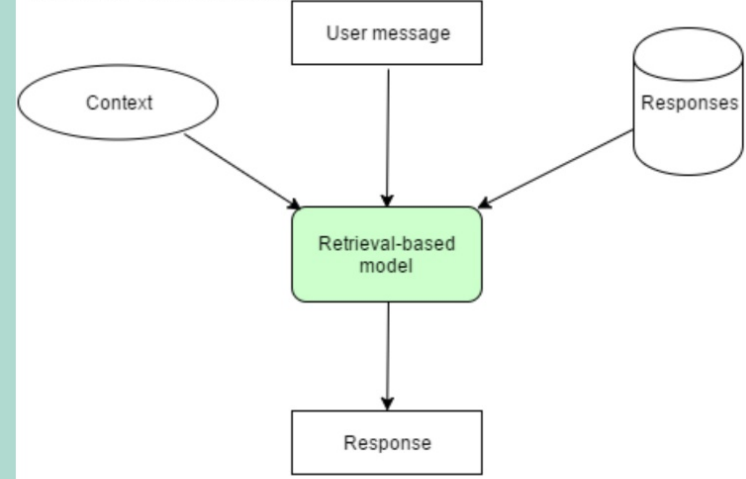
HTML/CSS - to create and design front-end

JavaScript: To make web pages interactive



Chatbot (AI Component):

Retrieval-Based Models



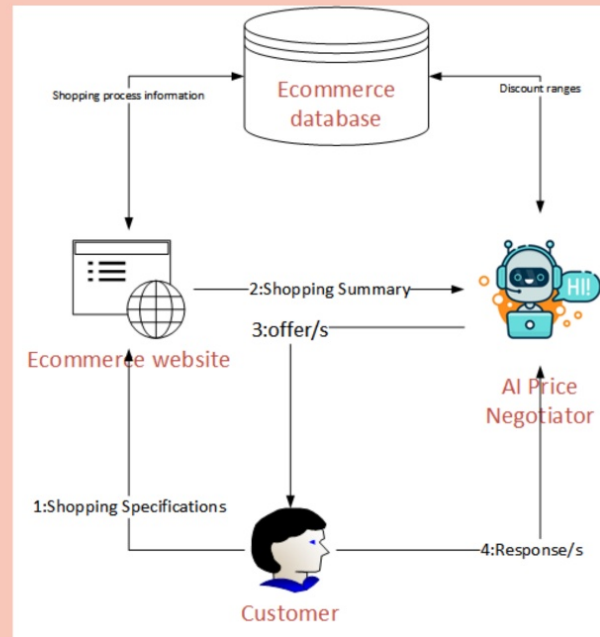
Keras: a Deep Learning library.

NLTK: Natural Language Processing toolkit.

Tensorflow: an open-sourced end-to-end platform, a library for multiple machine learning tasks



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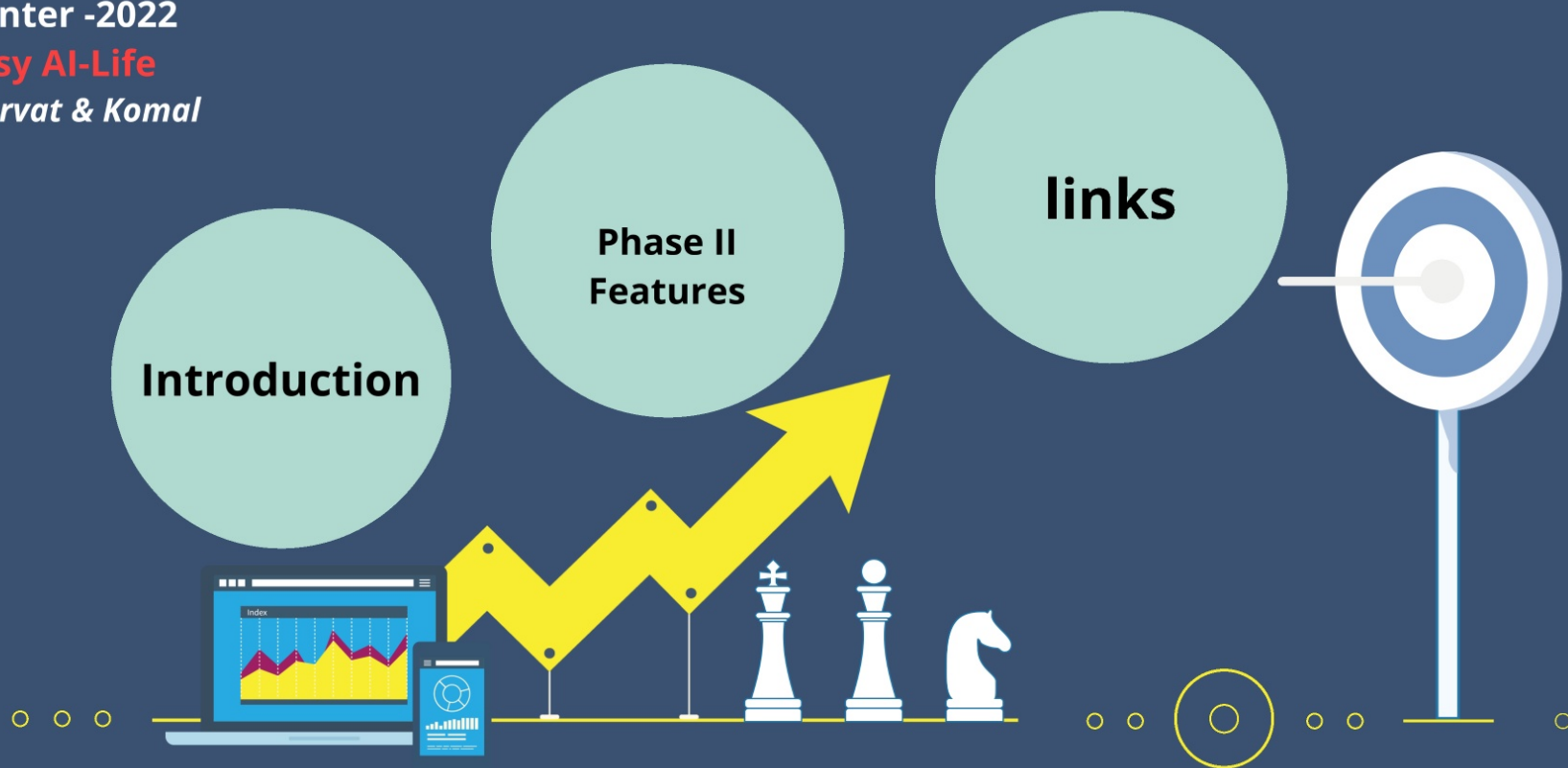
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New Features

Improvements/new features

- **Enhanced features quality (performance):**

- Enhanced the current negotiation process (offering discount upon the total bill amount)
- Adding more data in the intents.json file
- Understanding and using more features like spelling correction, voice recognition, sentiment analysis

- **Expand System features quantity (scope):**

- Expand the services that chat could offer in negotiator process, to include new services



New Features

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GitHuB Link:

[https://github.com/Mervat1975/
PriceNegotiator](https://github.com/Mervat1975/PriceNegotiator)

Website with embedded AI Component

[https://learn-canada.com/
PriceNegotiator/store](https://learn-canada.com/PriceNegotiator/store)

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