

COMPSCI 3307 - Fall 2023 - Group 8 Home

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Stage 2 Task

☒ Finish stage 2

User Story

Title: Searching by Voice	Priority: Highest	Estimate: -
User Story As a Customer, I want to be able to search by my voice so that I can put down keyword faster and more convenient		
Acceptance Criteria When the customer has some disability, then the customer should be able to search by their voice		

Title: AI generated product summary	Priority: Highest	Estimate: -
User Story As a Customer, I want to be able to search product with summary description of the product so that I can better understand the product quality and specification.		
Acceptance Criteria When a customer need more information about the product, then the customer should be able to read the generated summary by AI for better understanding.		

Title: Product Suggestion	Priority: Highest	Estimate: -
User Story As a Customer, I want to be able to get relevant suggestion from my search so that I can be recommended by product that are similar and related to my search		
Acceptance Criteria When a customer has a search a specified product, then the customer should get suggestion of similar, relevant or complement product		

Title: Read aloud function	Priority: Highest	Estimate: -
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User Story

As a Customer,

I want to be able to listen the description of the product by voice
so that I can listen to it instead of reading the text

Acceptance Criteria

When a customer has visual impairment,
then read aloud will make it accessible to all customer

Title: Image Recognition

Priority: Highest

Estimate: -

User Story

As a Customer

I want to be able to search the product by image or tag
so that I can search product without knowing the name of the product or search the exact same product

Acceptance Criteria

When a customer want to search product with only image or tag,
then the web can analyze the image using Google Cloud Vision API

Title: Relevance keyword

Priority: Moderate

Estimate: -

User Story

As a Customer,

I want to be able enter query in the search engine with specification
so that the web can display the product with my specification

Acceptance Criteria

When the customer enter a query in the search engine with specific keyword,
then the web search engine will be able to rank the specific keyword to display specific product

Title: Multiple Site Search

Priority: Lowest

Estimate: -

User Story

As a Customer

I want the search engine to show the product from multiple different sites
so that I can compare prices, availability and product details across different website

Acceptance Criteria

When a customer search product,
then the platform will search the specific product from different sources too and display it in the web

Title: Related product

Priority: Lowest

Estimate: -

User Story

As a Customer

I want to be shown complement product from my history search

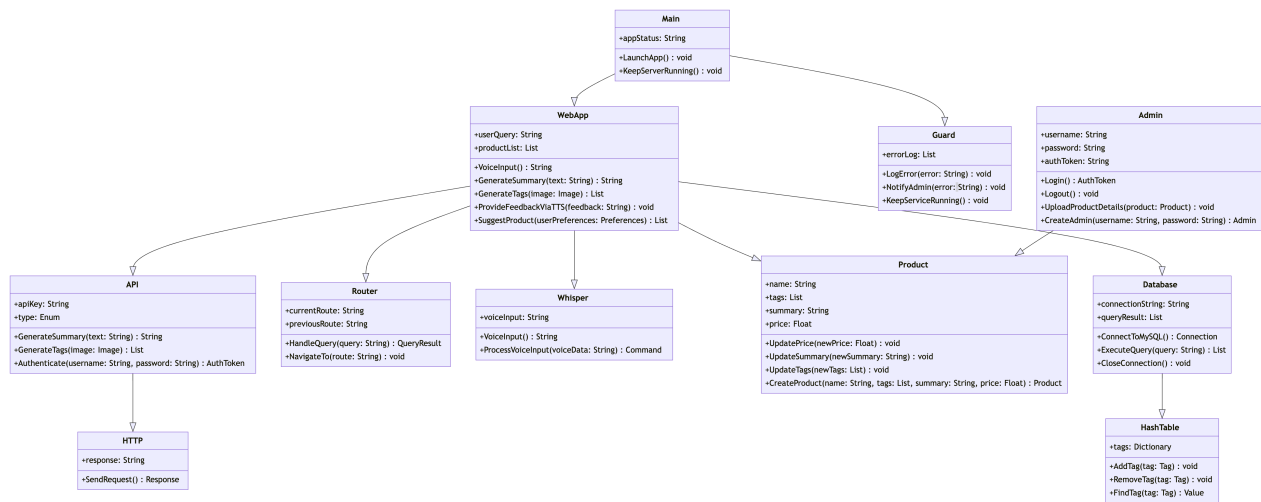
so that I might shop something that I might need but have not thought about it

Acceptance Criteria

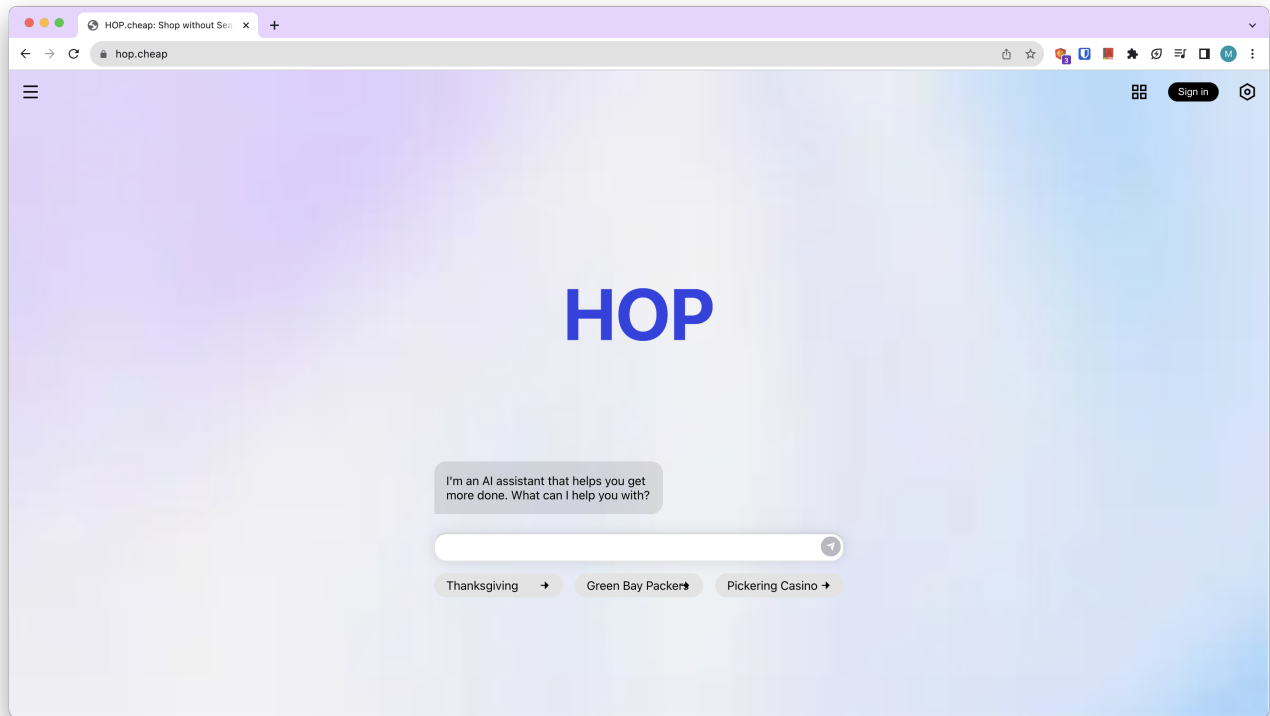
When Customer has done searching or buying previous product,

then platform can recommend a complement product that can be useful for the customer such as a phone case after the customer bought a new phone.

UML Class Diagram



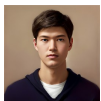
UI



Complete these tasks to get started

- ✓ **Edit this home page** - Click *Edit* in the top right of this screen to customize your Space home page
- ✓ **Create your first page** - Click the *Create* button in the header to get started
- ✓ **Brand your Space** - Click *Configure Sidebar* in the left panel to update space details and logo
- ✓ **Set permissions** - Click *Space Tools* in the left sidebar to update permissions and give others access

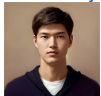
Recent space activity



Maxwell Ding
UI 5
COMPSCI 3307 - Fall 2023 - Group 8 Home 5
Stage 2 Task 5



Truman Huang
User Story 1:31



Maxwell Ding
UML Class Diagram 10 07, 2023

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