

Aldone

a todo assistant that will 10x your productivity

Fausto Zamparelli, Daniel Falbo

June 4, 2024



Speech

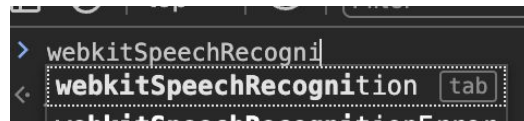
Text

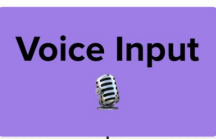
Speech-to-Text Agent

Web Speech API



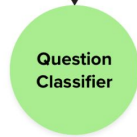
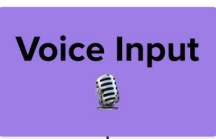
chrome





Question Classifier

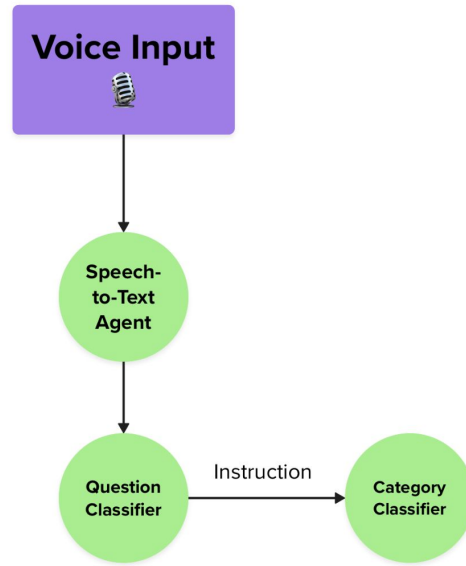
Input	Label
“What’s the capital of Italy?”	Query
“Add milk to my grocery list”	Not Query
“Cross the milk out the grocery list”	Not Query
“Split task X into subtasks”	Query



Input	Label
“tell me how to set up a direct deposit”	direct_deposit
“switch to whisper mode”	whisper_mode
“i’m out of lysol could you order me some”	order
“set my alarm for 5pm”	alarm
“can you list my shopping list for me”	shopping_list
“update my shopping list, delete canned olives”	shopping_list_update
“can you list my shopping list for me”	shopping_list
“remove laundry from my todo list”	todo_list_update
“i want to hear everything on my todo list”	todo_list



Category Classifier



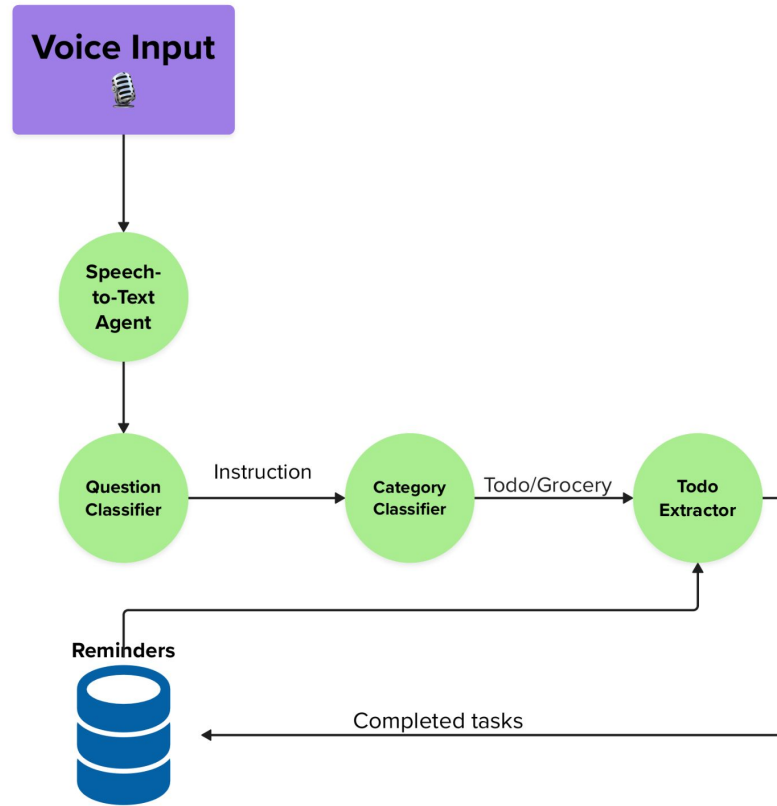
Todo Extractor

```
"Hey, remind me to do the laundry.",
```

"Do the laundry"

```
"text": "Please cross out the avocado",  
"groceryList": [  
  {"text": "200g Avocado", "completed": false, "id": "avocado"},  
  {"text": "Tiramisu", "completed": false, "id": "tiramisu"},  
  {"text": "Yogurt Bowl", "completed": false, "id": "yogurt bowl"}  
]
```

```
"completingTodo": {  
  "category": "grocery",  
  "id": "avocado"  
}
```

```
"text": "What's the difference between Machine Learning and Deep Learning?",
```

```
"text": "Please split the Tiramisu in the grocery list into all the ingredients I need to buy",
```

```
"text": "What should I do today?",
```

User's Input

Query Agent

Narration 

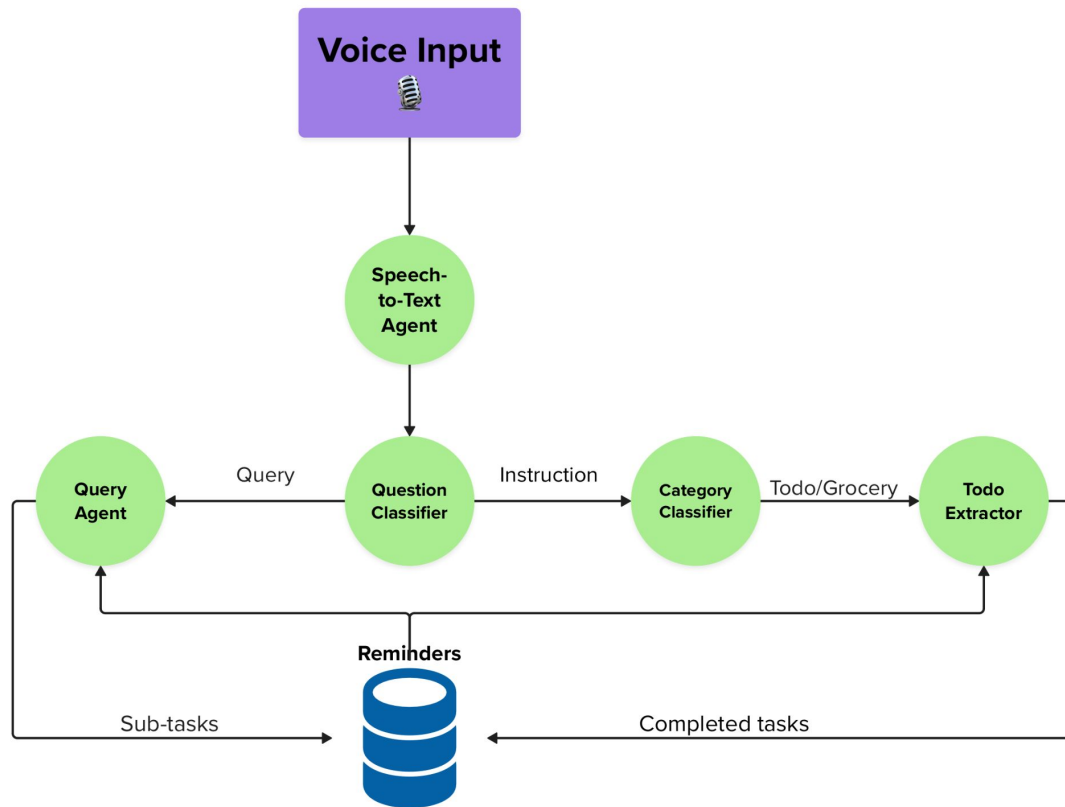
Sub-tasks

Reminders



To-do List

Grocery List



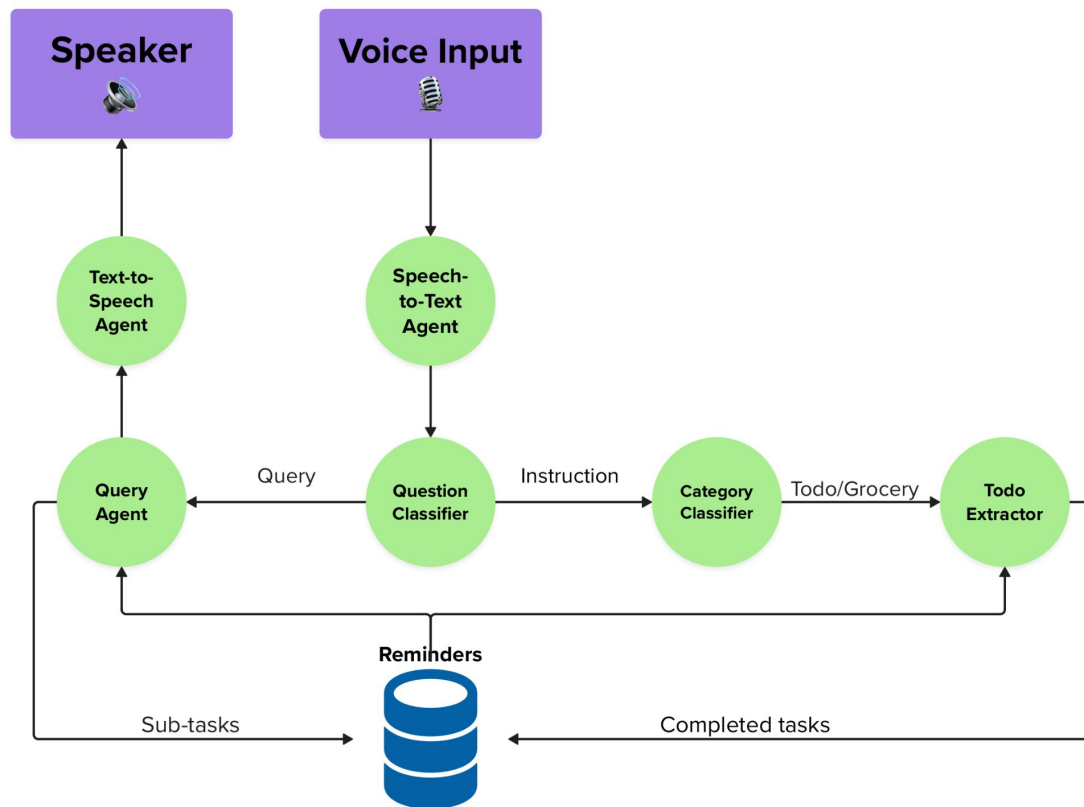


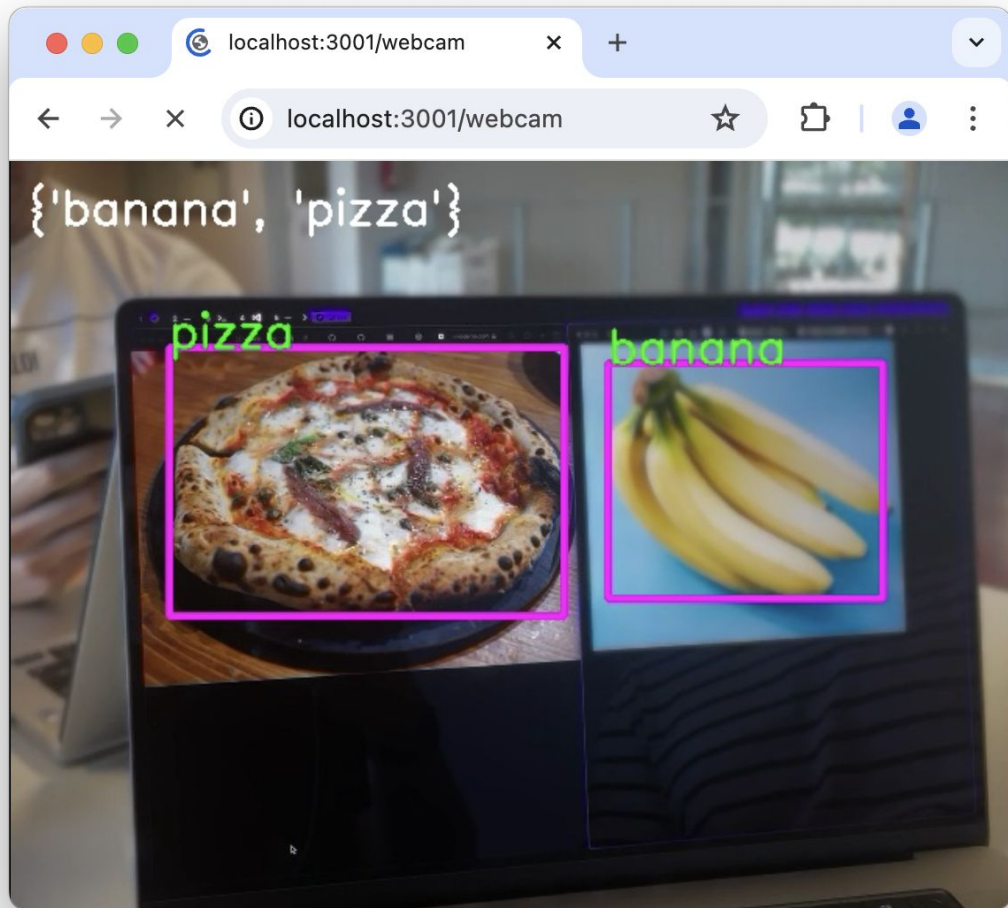
OpenAI

<https://platform.openai.com/docs/guides/text-to-speech>

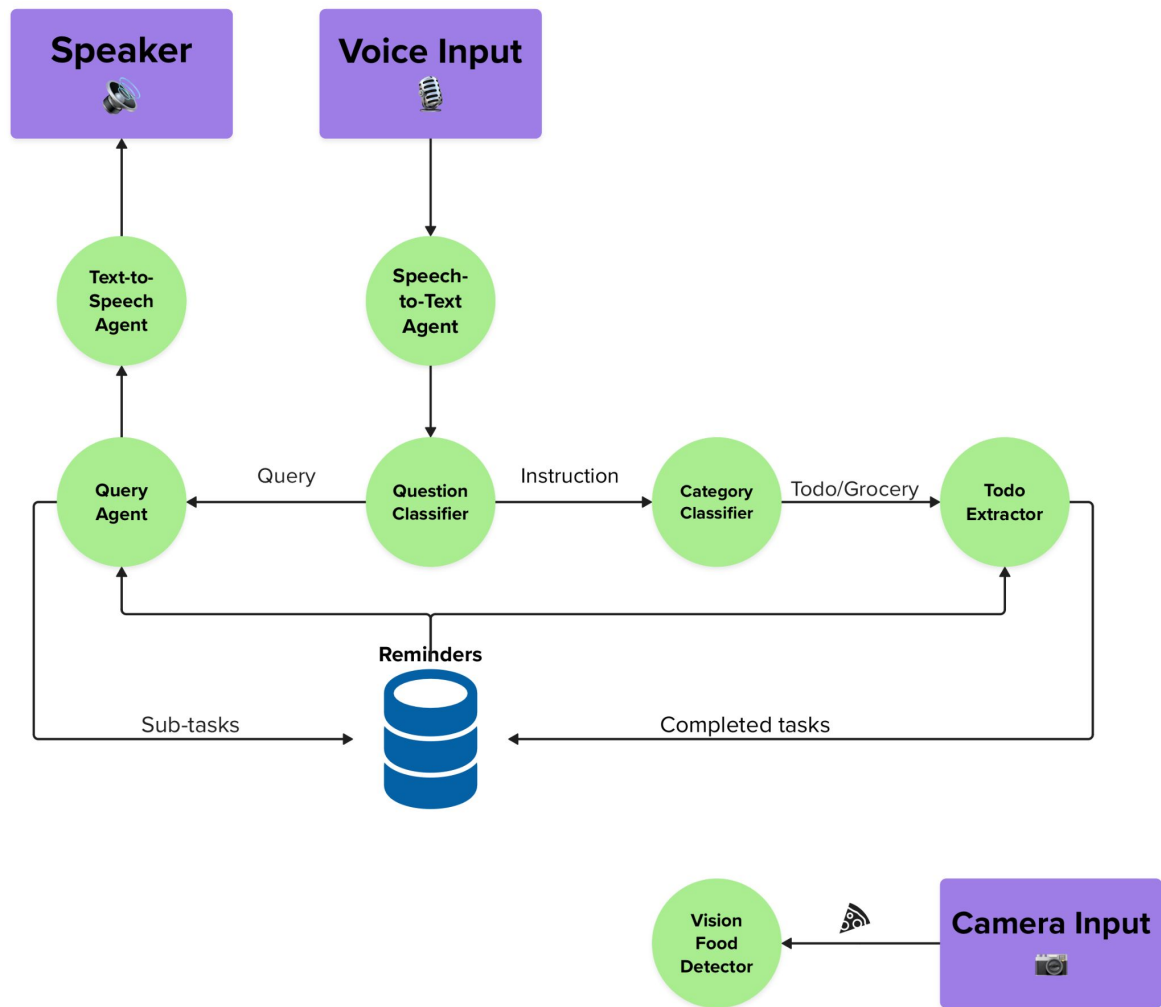
Text to speech - OpenAI API

**Text-to-
Speech
Agent**





Vision Food Detector





Grocery List

[] Apples
[] Bananas
[] Frozen Pizza
[] Beans



{Banana, Pizza}

Grocery List Matcher



Grocery List

[] Apples
~~[x] Bananas~~
~~[x] Frozen Pizza~~
[] Beans

