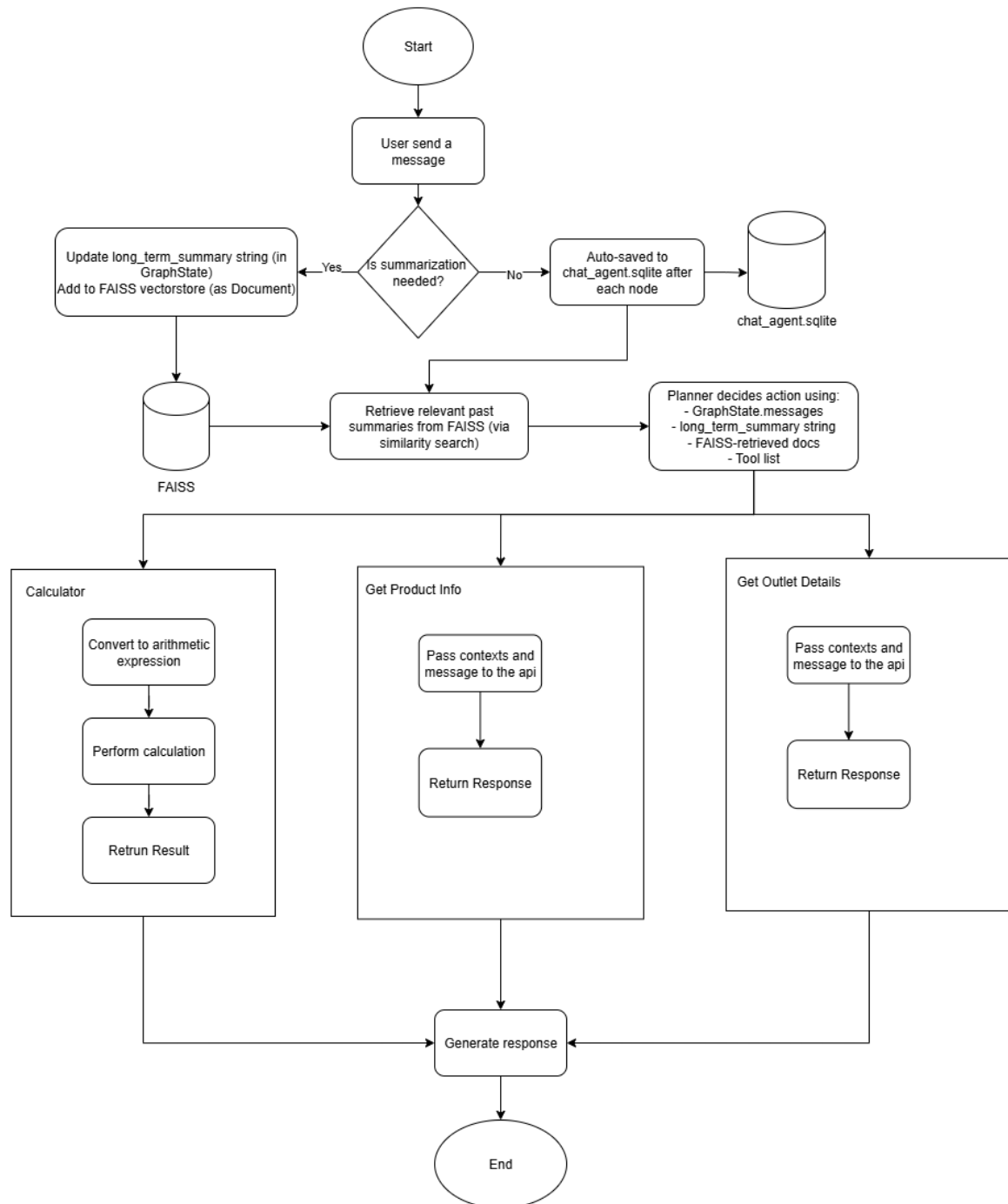
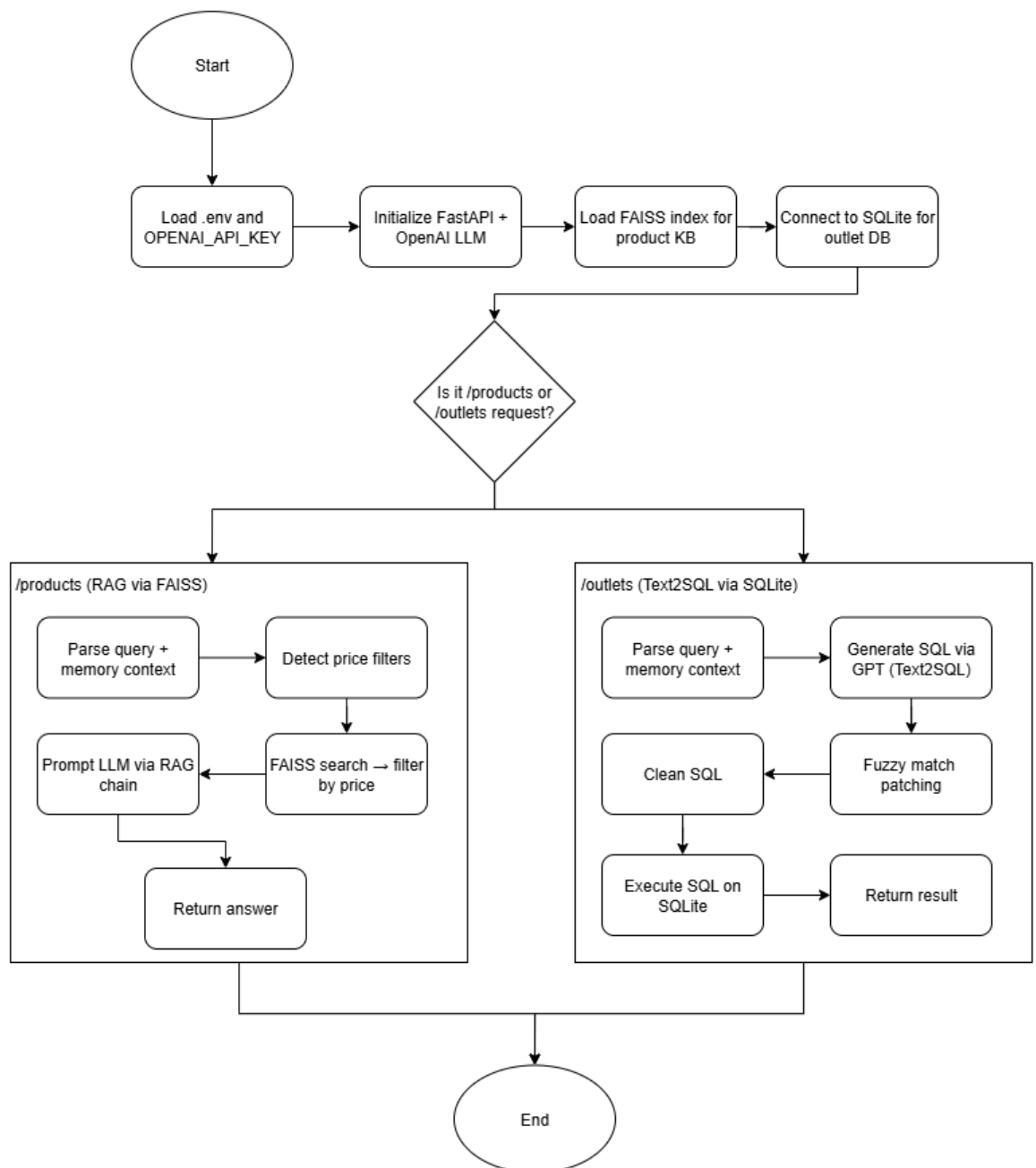


# Documentation

## 1. Chatbot Flowchart



## 2. API Flowchart



### 3. API Specification – ZUS Coffee Data API

#### GET /products

- Answer product-related queries using RAG over FAISS vector store (e.g., drinkware, prices)

#### Request Query Parameters


Name	Type	Required	Description
query	string	Yes	Natural language question about ZUS Coffee products
long_term_summary	string	No	Summarized memory of previous conversation
retrieved_context	string	No	Past memory (JSON string list of strings)

Code	Details
200	<div><div>Response body</div><div><pre>{   "summary": "Here are some of the products available:\n\n1. **[Corak Malaysia] Tiga Sekawan Bundle** - RM133.90\n2. **ZUS OG CUP 2.0 With Screw-On Lid 500ml (17oz)** - from RM55.00, available in Lucky Pink, Space Black, Thunder Blue\n3. **[Corak Malaysia] Dua Sejoli Bundle** - RM54.90\n4. **[Kopi Patah Hati] ZUS Freeze Cold Cup 650ml (22oz)** - from RM44.00, available in Olivia Purple, Sabrina Pink\n5. **ZUS OG Ceramic Mug (16oz)** - RM39.00, available in Cloud White, Space Black, Thunder Blue\n6. **ZUS All Day Cup 500ml (17oz) - Accessories - Lid** - RM25.00, available in Blue Wave, Cherry Blossom, Fresh Mint, Thunder Blue Day\n7. **ZUS All-Can Tumbler 600ml (20oz)** - RM105.00, available in Stainless Steel, Thunder Blue\n8. **ZUS All Day Cup 500ml (17oz) - Sundaze Collection** - from RM25.00, available in Sand Castle, Seashell, Tideline\n9. **ZUS Reusable Straw Kit - 1's** - RM15.90, available in Lucky Pink, Space Black, Thunder Blue\n10. **ZUS All-Day Cup 500ml (17oz) - Mountain Collection** - RM79.00, available in Forest Green, Pine Green, Soft Fern, Terrain Green\n\nIf you need more details on any specific product, feel free to ask!"</pre></div><div><a href="#">Download</a></div></div>

## GET /outlets

- Retrieve outlet info (e.g., hours, address, services) using Text2SQL on SQLite
- **Request Query Parameters**

Name	Type	Required	Description
query	string	Yes	Natural language query about outlet info
long_term_summary	string	No	Summarized memory of previous conversation
retrieved_context	string	No	Past memory (JSON string list of strings)

Code	Details
200	<div><div>Response body</div><div><pre>{   "query_response": "[('ZUS Coffee - Bandar Tun Hussein Onn, Cheras', 'ZUS Coffee - Bandar Tun Hussein Onn, Cheras'), ('ZUS Coffee - Cheras Business Centre', 'ZUS Coffee - Cheras Business Centre'), ('ZUS Coffee - Bandar Damai Perdana, Cheras', 'ZUS Coffee - Bandar Damai Perdana, Cheras'), ('ZUS Coffee - M Vertica, Cheras', 'ZUS Coffee - M Vertica, Cheras'), ('ZUS Coffee - Taman Segar Perdana, Cheras', 'ZUS Coffee - Taman Segar Perdana, Cheras')]"</pre></div><div> Download</div></div>