

Configuration Manual

MSc Research Project
Artificial Intelligence for Business

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MSc Project Submission Sheet
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Date: 10/08/2025

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Configuration Manual

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Overview

This manual provides complete instructions for:

1. **Deploying Aisley** - The shopping assistant web application
2. **Reproducing Research** - The multi-model evaluation system used in the thesis

Aisley is an AI-powered shopping assistant that helps customers find products in retail stores through natural language interaction and visual store maps.

Part A: Core Application Deployment

System Requirements

- Windows 10/11, Mac, or Linux computer
- Python 3.11 or newer
- At least 8GB of RAM (16GB recommended)
- 10GB of free storage space
- Stable internet connection

Step 1: Environment Setup

Install Python 3.11

1. Download Python 3.11 from python.org
2. During installation, ensure “Add Python to PATH” is checked
3. Verify installation:

```
python --version
```

Create Project Environment

Navigate to project directory

```
cd "path/to/Aisley"
```

Create virtual environment

```
python -m venv .venv
```

Activate virtual environment

Windows:

```
.venv\Scripts\activate
```

Mac/Linux:

```
source .venv/bin/activate
```

Install Dependencies

```
pip install flask flask-cors openai python-dotenv
```

Or if requirements.txt is provided:

```
pip install -r requirements.txt
```

Step 2: Configuration

Set Up OpenAI API

1. Create account at platform.openai.com
2. Generate API key from API Keys section
3. Create .env file in project root:

```
OPENAI_API_KEY=sk-your-actual-api-key-here
```

Step 3: Required Files

Ensure these files are in your project directory:

app.py - Main Flask Application

The core backend server that handles:

- Product location queries
- AI chat functionality
- API endpoints for frontend
- CSV data loading

AisLey.html - Frontend Interface

The web interface users interact with, featuring:

- Chat interface for product queries
- Interactive store map

- Visual product location display

products.csv - Product Database

CSV file with product locations:

```
product,aisle,shelf,direction  
bread,1,2,1  
milk,3,1,2  
coffee,2,3,1
```

Format: product name, aisle number, shelf number, direction (degrees)

Step 4: Running Aisley

Start the Application

```
python app.py
```

Access the Interface

1. Open web browser
2. Navigate to: `http://localhost:5000`
3. Interact with Aisley through the chat interface

Test the System

- Visit `http://localhost:5000/test` to verify server status
 - Try product queries like “Where is milk?” or “Find bread”
 - Check that the store map displays correctly
-

Part B: Research Evaluation System

This section enables reproduction of the thesis research comparing different AI models for shopping assistance.

Additional Requirements for Research

Install Ollama (Local Models)

1. Download from ollama.ai
2. Install following platform instructions
3. Verify installation:

```
ollama --version
```

Start Ollama Service

```
ollama serve
```

Keep this terminal open during research evaluation.

Download Research Models

Microsoft Phi-3 model

```
ollama pull phi3
```

Mistral model

```
ollama pull mistral
```

Verify downloads

```
ollama list
```

Test Local Models

Test Phi-3

```
ollama run phi3 "Hello, how are you?"
```

Test Mistral

```
ollama run mistral "Hello, how are you?"
```

Together AI Setup

For cloud-based Mistral model:

1. Sign up at together.ai
2. Obtain API key
3. Add to .env file: TOGETHER_API_KEY=your-together-api-key-here

Research Files

evaluate_models.py - Model Evaluation Script

Systematic testing framework that:

- Tests multiple AI models (GPT-4, Phi-3, Mistral)
- Measures accuracy, response time, and quality
- Generates comprehensive results CSV
- Supports different test scales (quick, sample, full)

product_location_prompts.csv - Research Dataset

Contains 750+ carefully crafted prompts including:

- Direct product queries (“milk”, “bread”)
- Natural language questions (“Where can I find fresh milk?”)
- Varied phrasing and complexity levels
- Complete product category coverage

Running Research Evaluation

Quick Test (3 products, all models)

```
python evaluate_models.py
```

Select option 1: Quick Test

Sample Test (Custom size, 10-50 products recommended)

```
python evaluate_models.py
```

Select option 3: Sample Test

Enter desired number of products

Full Evaluation (Complete dataset, 750+ products)

```
python evaluate_models.py
```

Select option 4: Full Test

Note: This may take several hours

Research Output

Results File: Llm_test_results.csv

Generated CSV contains:

- Product detection accuracy
- Location accuracy (aisle/shelf correctness)
- Response quality scores (BERT similarity)
- Response times and processing speeds

Metrics Measured

- **Detection Rate:** Ability to identify requested products
 - **Location Accuracy:** Correctness of aisle and shelf information
 - **Response Quality:** Semantic similarity to expected responses
 - **Performance:** Response time and processing efficiency
-

File Structure

Minimal Deployment

```
Aisley/
├── app.py           # Main Flask application
├── Aisley.html      # Frontend interface
├── products.csv     # Product location database
├── requirements.txt # Python dependencies
└── .env            # API keys (create this)
```

Complete Research Setup

```
Aisley/
├── app.py           # Main Flask application
├── Aisley.html      # Frontend interface
├── products.csv     # Product location database
├── product_location_prompts.csv # Research dataset (750+ prompts)
├── evaluate_models.py # Model evaluation script
├── requirements.txt # Python dependencies
├── .env            # API keys (create this)
└── llm_test_results.csv # Generated results (after testing)
```

Dependencies (requirements.txt)

```
flask>=2.3.0
flask-cors>=4.0.0
openai>=1.0.0
python-dotenv>=1.0.0
requests>=2.31.0
pandas>=2.0.0
numpy>=1.24.0
bert-score>=0.3.13
nltk>=3.8.0
```

Usage Examples

Basic Product Queries

- “milk” → Returns: “You can find milk in aisle 3, shelf 1”
- “Where is bread?” → Shows location with store map
- “I need coffee” → Provides aisle and shelf information

Research Evaluation

1. Start with Quick Test to verify setup
 2. Run Sample Test (20-50 products) for development
 3. Execute Full Test for complete research reproduction
 4. Analyze results in generated CSV file
-

Complete List of Test Prompts

The system uses these 750+ prompts from the product_location_prompts.csv file:

1. Milk?
2. Can you help me find skimmed milk please?
3. Where can I find whole milk?
4. Got any almond milk in stock?
5. I'm looking for soya milk, can you help me?
6. Oat milk available?
7. Could you direct me to the coconut milk?
8. I need to buy lactose-free milk, where should I go?
9. Where do you stock the goat milk?
10. Rice milk, where's it at?
11. I'm trying to find chocolate milk, any idea?
12. Show me where milkshake is located.
13. Can you help me locate smoothies please?
14. Kefir around here?
15. Whereabouts is buttermilk in this shop?
16. Condensed milk, where can I grab it?
17. I can't find evaporated milk!
18. Custard?
19. Point me to pitta bread nearby?
20. I'm searching for half and half, could you assist?
21. Where can I find single cream?
22. Do you know where double cream is?
23. I need some whipping cream, where should I go?
24. Clotted cream in this shop?
25. Help me locate sour cream quickly?
26. Could you show me crème fraîche right now?

27. Whereabouts is mascarpone in this shop?
28. Fromage frais available?
29. Quark?
30. I'm looking for yogurt, can you help me?
31. Where can I purchase greek yogurt?
32. Fruit yogurt in stock?
33. Tell me where I can find natural yogurt?
34. Show me where set yogurt is located.
35. Drinking yogurt, where's it at?
36. Can you direct me to yogurt drinks now?
37. I need to buy probiotic drinks, where should I go?
38. Fruit juice?
39. Where do I go to get orange juice?
40. I can't find apple juice anywhere!
41. Cranberry juice available?
42. Point me to pineapple juice nearby?
43. Where can I find grape juice?
44. Do you know where tomato juice is?
45. I'm trying to find protein shakes, any idea?
46. Eggs in this store, right?
47. Can you help me find free-range eggs please?
48. Where can I pick up organic eggs?
49. Large eggs?
50. Show me where medium eggs is located.
51. I need to buy small eggs, where should I go?
52. Could you direct me to duck eggs right now?
53. Quail eggs available?
54. Help me locate boiled eggs for my cart?

55. Whereabouts is egg whites in this shop?
56. Scotch eggs?
57. I'm looking for sandwich, can you help me?
58. Where can I find wraps?
59. Do you stock baguette?
60. Can you help me find panini please?
61. Sub in this shop?
62. Where do I go to get salad box?
63. I need to buy pasta salad, where should I go?
64. Rice salad available?
65. Point me to coleslaw nearby?
66. Where can I purchase potato salad?
67. I can't find hummus!
68. Dips?
69. Show me where guacamole is located.
70. Whereabouts is tzatziki in this shop?
71. Can you direct me to taramasalata now?
72. I need some salsa, where should I go?
73. Sushi in this store, right?
74. Where can I find cheese?
75. Help me locate cheddar quickly?
76. Do you know where brie is?
77. Camembert available?
78. I'm looking for stilton, can you help me?
79. Where do I go to get gouda?
80. Can you help me find edam please?
81. Mozzarella?
82. Could you show me parmesan right now?

83. Where can I pick up feta?
84. Goat cheese in this shop?
85. Tell me where I can find cream cheese?
86. I need to buy ricotta, where should I go?
87. Cottage cheese available?
88. Whereabouts is processed cheese in this shop?
89. Cheese strings?
90. Can you direct me to babybel now?
91. I can't find laughing cow!
92. Where can I find cheese spread?
93. Help me locate cheese slices for my cart?
94. Do you stock butter?
95. Where do I go to get spreadable butter?
96. I need some low-fat spread, where should I go?
97. Olive spread in this shop?
98. Point me to margarine nearby?
99. Can you help me find lard please?
100. Dripping?
101. Where can I purchase suet?
102. I'm looking for bread, can you help me?
103. Where can I find white bread?
104. Brown bread available?
105. Show me where granary bread is located.
106. I need to buy sourdough, where should I go?
107. Could you direct me to rye bread right now?
108. Fruit bread in this shop?
109. Whereabouts is garlic bread in this shop?
110. Can you help me find naan bread please?

111. Pita bread?
112. Tell me where I can find flatbread?
113. I can't find chapati!
114. Where can I pick up tortilla?
115. Quinoa available?
116. Where do I go to get bagels?
117. I need some muffins, where should I go?
118. Crumpets in this shop?
119. Point me to scones nearby?
120. Can you help me find pastries please?
121. Where can I find cake?
122. Dragon fruit?
123. Show me where doughnuts is located.
124. I'm looking for croissants, can you help me?
125. Pain au chocolat available?
126. Could you direct me to brioche now?
127. Whereabouts is cinnamon bun in this shop?
128. I need to buy danish, where should I go?
129. Flapjack in this store, right?
130. Can you help me find fruit tart please?
131. Custard tart?
132. Where can I pick up éclair?
133. I can't find meringue!
134. Do you know where macaron is?
135. Trifle available?
136. Tell me where I can find cheesecake?
137. Where do I go to get bananas?
138. I'm looking for apples, can you help me?

139. Oranges in this shop?
140. Point me to grapes nearby?
141. Where can I find berries?
142. I need some pears, where should I go?
143. Peaches available?
144. Can you direct me to nectarines now?
145. Whereabouts is plums in this shop?
146. Help me locate cherries for my cart?
147. Lemons?
148. Show me where limes is located.
149. I can't find pineapple!
150. Where can I purchase melon?
151. Watermelon in this store, right?
152. Do you know where mango is?
153. Kiwi available?
154. Can you help me find avocado please?
155. Pomegranate?
156. Where do I go to get passion fruit?
157. I need some coconut, where should I go?
158. Could you direct me to papaya now?
159. Figs in this shop?
160. Tell me where I can find tahini?
161. Where can I pick up grapefruit?
162. I'm looking for satsumas, can you help me?
163. Clementines available?
164. Whereabouts is potatoes in this shop?
165. Can you help me find sweet potatoes please?
166. Barley?

167. Show me where onions is located.
168. I need to buy garlic, where should I go?
169. Ginger in this store, right?
170. Point me to butternut squash nearby?
171. Where can I find black beans?
172. Spinach?
173. Can you direct me to kale now?
174. I can't find cabbage!
175. Where do I go to get brussels sprouts?
176. I'm looking for lettuce, can you help me?
177. Rocket available?
178. Help me locate watercress quickly?
179. Where can I purchase salad?
180. Beet greens in this shop?
181. Do you know where cucumbers is?
182. Where should I go for peppers in this store?
183. I need some aubergine, where should I go?
184. Could you show me courgette right now?
185. Mushrooms?
186. Tell me where I can find asparagus?
187. Whereabouts is artichokes in this shop?
188. Can you help me find salmon fillets please?
189. Rutabaga available?
190. Where can I pick up leeks?
191. I need to buy celery, where should I go?
192. Radish in this store, right?
193. Point me to beetroot nearby?
194. Where do I go to get parsnips?

195. I'm looking for turnips, can you help me?
196. Swede available?
197. Can you direct me to spring onions now?
198. Whereabouts is shallots in this shop?
199. Chillies?
200. Help me locate almond butter for my cart?
201. Where can I find chicken?
202. I can't find chicken breast!
203. Can you help me find chicken thighs please?
204. Where do I go to get chicken wings?
205. Chicken drumsticks in this shop?
206. Could you show me whole chicken right now?
207. Turkey available?
208. Tell me where I can find turkey breast?
209. Where can I pick up turkey mince?
210. I need to buy duck, where should I go?
211. Duck breast in this store, right?
212. Point me to beef nearby?
213. Where can I purchase beef mince?
214. I'm looking for beef steak, can you help me?
215. Beef roast available?
216. Can you direct me to beef stir fry now?
217. Avocados?
218. Whereabouts is lamb in this shop?
219. Help me locate lamb chops for my cart?
220. I can't find lamb mince!
221. Where do I go to get lamb leg?
222. Can you help me find lamb stew please?

223. Pork in this shop?
224. Show me where pork chops is located.
225. I need some pork belly, where should I go?
226. Could you show me pork mince right now?
227. Where can I find pork sausages?
228. Bacon?
229. Tell me where I can find gammon?
230. Where do I go to get ham?
231. I'm looking for salami, can you help me?
232. Pepperoni available?
233. Can you direct me to chorizo now?
234. Fish in this store, right?
235. Where can I purchase salmon?
236. Help me locate cod for my cart?
237. Whereabouts is haddock in this shop?
238. I can't find plaice!
239. Can you help me find sea bass please?
240. Trout?
241. Show me where prawns is located.
242. I need some king prawns, where should I go?
243. Mussels available?
244. Could you direct me to crab now?
245. Where can I pick up lobster?
246. Olive oil in this shop?
247. Tell me where I can find tuna steak?
248. Where do I go to get smoked salmon?
249. I'm looking for smoked haddock, can you help me?
250. Pistachios?

251. Can you help me find fishfingers please?
252. I can't find fishcakes!
253. Where can I find scallops?
254. Squid in this store, right?
255. Point me to ready meals nearby?
256. Where do I go to get sandwiches?
257. Help me locate pies for my cart?
258. Whereabouts is quiche in this shop?
259. I need some pasta meals, where should I go?
260. Can you direct me to rice meals now?
261. Curry ready meals available?
262. Show me where chinese ready meals is located.
263. I'm looking for italian ready meals, can you help me?
264. Mexican ready meals?
265. Buckwheat in this shop?
266. Tell me where I can find fennel?
267. Where can I pick up mixed vegetables?
268. Can you help me find swiss chard please?
269. Mustard greens available?
270. I can't find collard greens!
271. Where do I go to get chips?
272. I need some potato wedges, where should I go?
273. Help me locate hash browns for my cart?
274. Whereabouts is roast potatoes in this shop?
275. Can you direct me to pizza now?
276. Margherita pizza?
277. Show me where pepperoni pizza is located.
278. I'm looking for hawaiian pizza, can you help me?

279. Vegetable pizza available?
280. Where can I find lasagne?
281. Can you help me find pasta bake please?
282. I can't find macaroni cheese!
283. Where do I go to get cottage pie?
284. Help me locate shepherds pie for my cart?
285. Curry in this shop?
286. Tell me where I can find tikka masala?
287. Where can I pick up korma?
288. Can you direct me to madras now?
289. Icecream?
290. I need some vanilla ice cream, where should I go?
291. Whereabouts is chocolate ice cream in this shop?
292. Can you help me find strawberry ice cream please?
293. Lollies available?
294. Show me where ice lollies is located.
295. Point me to fruit nearby?
296. Where can I find frozen berries?
297. I can't find frozen mango!
298. I'm looking for frozen smoothie mix, can you help me?
299. Nuggets in this store, right?
300. Can you direct me to chicken nuggets now?
301. Where do I go to get chicken dippers?
302. Help me locate burgers for my cart?
303. Kamut?
304. Where can I pick up veggie burgers?
305. Kohlrabi in this shop?
306. Tell me where I can find sausage rolls?

307. Can you help me find pastry please?
308. Show me where puff pastry is located.
309. I need some shortcrust pastry, where should I go?
310. Where can I find pasta?
311. Spaghetti?
312. I'm looking for penne, can you help me?
313. I can't find fusilli!
314. Can you direct me to linguine now?
315. Tagliatelle in this shop?
316. Help me locate lasagne sheets for my cart?
317. Whereabouts is macaroni in this shop?
318. Where do I go to get noodles?
319. Can you help me find egg noodles please?
320. Rice noodles?
321. Show me where couscous is located.
322. I need some rice, where should I go?
323. Where can I pick up white rice?
324. Brown rice available?
325. Tell me where I can find basmati rice?
326. Can you direct me to jasmine rice now?
327. Whereabouts is wild rice in this shop?
328. I'm looking for arborio rice, can you help me?
329. Endive?
330. Where do I go to get bulgur wheat?
331. Can you help me find cereal please?
332. Cornflakes in this store, right?
333. I can't find weetabix!
334. Show me where shredded wheat is located.

335. I need some porridge, where should I go?
336. Help me locate muesli for my cart?
337. Where can I find granola?
338. Can you direct me to coco pops now?
339. Rice krispies available?
340. Whereabouts is flour in this shop?
341. Tell me where I can find self-raising flour?
342. Where do I go to get plain flour?
343. Can you help me find strong flour please?
344. I can't find bakingpowder!
345. I need some bicarbonate of soda, where should I go?
346. Yeast in this shop?
347. Show me where sugar is located.
348. Where can I pick up caster sugar?
349. Can you direct me to icing sugar now?
350. I'm looking for brown sugar, can you help me?
351. Demerara sugar?
352. Help me locate cashew nuts for my cart?
353. Whereabouts is maple syrup in this shop?
354. Where do I go to get golden syrup?
355. Can you help me find agave syrup please?
356. Ketchup?
357. I can't find mayonnaise!
358. Show me where mustard is located.
359. I need some dijon mustard, where should I go?
360. Where can I find whole grain mustard?
361. Sauce in this store, right?
362. Can you direct me to bbq sauce now?

363. Whereabouts is hot sauce in this shop?
364. Tell me where I can find worcestershire sauce?
365. Where do I go to get soy sauce?
366. Can you help me find sweet chilli sauce please?
367. Oil?
368. I'm looking for teff, can you help me?
369. Where can I pick up vegetable oil?
370. I can't find sunflower oil!
371. Show me where sesame oil is located.
372. I need some coconut oil, where should I go?
373. Vinegar in this shop?
374. Can you direct me to white wine vinegar now?
375. Whereabouts is balsamic vinegar in this shop?
376. Help me locate cider vinegar for my cart?
377. Spelt?
378. Where do I go to get basil?
379. Can you help me find parsley please?
380. Show me where rosemary is located.
381. I need some thyme, where should I go?
382. Oregano in this shop?
383. Tell me where I can find sage?
384. Where can I pick up mint?
385. I'm looking for dill, can you help me?
386. Spices?
387. Can you direct me to pepper now?
388. I can't find salt!
389. Whereabouts is paprika in this shop?
390. Help me locate cumin for my cart?

391. Where do I go to get coriander?
392. Show me where cinnamon is located.
393. I need some nutmeg, where should I go?
394. Can you help me find curry powder please?
395. Chilli powder in this shop?
396. Tell me where I can find millet?
397. Baked beans?
398. Where can I pick up kidney beans?
399. I'm looking for cannellini beans, can you help me?
400. Butter beans available?
401. I can't find chickpeas!
402. Can you direct me to lentils now?
403. Whereabouts is red lentils in this shop?
404. Help me locate green lentils for my cart?
405. Amaranth?
406. Where do I go to get chopped tomatoes?
407. Show me where plum tomatoes is located.
408. I need some tomato puree, where should I go?
409. Can you help me find passata please?
410. Soup in this store, right?
411. Tell me where I can find tomato soup?
412. Where can I pick up chicken soup?
413. I'm looking for vegetable soup, can you help me?
414. Mushroom soup?
415. Can you direct me to carrot soup now?
416. Whereabouts is pearl barley in this shop?
417. Help me locate tuna in oil for my cart?
418. Where do I go to get tuna in brine?

- 419. Sardines in this shop?
- 420. I can't find steel cut oats!
- 421. Vegetables?
- 422. Show me where tinned carrots is located.
- 423. I need some tinned peas, where should I go?
- 424. Can you help me find tinned sweetcorn please?
- 425. Tinned potatoes available?
- 426. Where can I pick up tinned fruit?
- 427. Tell me where I can find tinned peaches?
- 428. I'm looking for tinned pineapple, can you help me?
- 429. Pickles?
- 430. Can you direct me to pickled onions now?
- 431. Whereabouts is pickled beetroot in this shop?
- 432. Help me locate pickled cabbage for my cart?
- 433. Olives in this store, right?
- 434. Where do I go to get green olives?
- 435. Show me where black olives is located.
- 436. I need some stuffed olives, where should I go?
- 437. Can you help me find capers please?
- 438. Gherkins?
- 439. Tell me where I can find jam?
- 440. Where can I pick up strawberry jam?
- 441. I'm looking for raspberry jam, can you help me?
- 442. Blackcurrant jam available?
- 443. Can you direct me to marmalade now?
- 444. Peanutbutter in this shop?
- 445. Help me locate crunchy peanut butter for my cart?
- 446. Whereabouts is smooth peanut butter in this shop?

447. Where do I go to get spread?

448. Show me where chocolate spread is located.

449. I need some chickpea flour, where should I go?

450. Water?

451. Can you help me find still water please?

452. Tell me where I can find sparkling water?

453. Coke in this store, right?

454. I can't find diet coke!

455. Where can I pick up coke zero?

456. I'm looking for pepsi, can you help me?

457. Can you direct me to diet pepsi now?

458. Whereabouts is lemonade in this shop?

459. Help me locate sprite for my cart?

460. Where do I go to get fanta?

461. Tonic?

462. Show me where tonic water is located.

463. I need some energy drink, where should I go?

464. Can you help me find tea please?

465. Breakfast tea in this shop?

466. Tell me where I can find earl grey tea?

467. Where can I pick up green tea?

468. I'm looking for fruit tea, can you help me?

469. Herbal tea available?

470. Can you direct me to coffee now?

471. Whereabouts is instant coffee in this shop?

472. Help me locate ground coffee for my cart?

473. Where do I go to get coffee beans?

474. I can't find decaf coffee!

475. Show me where hotchocolate is located.
476. I need some hot chocolate powder, where should I go?
477. Wine in this store, right?
478. Can you help me find red wine please?
479. Tell me where I can find white wine?
480. Where can I pick up rose wine?
481. Champagne?
482. Can you direct me to prosecco now?
483. Whereabouts is beer in this shop?
484. Help me locate lager for my cart?
485. Where do I go to get ale?
486. I'm looking for stout, can you help me?
487. Cider in this shop?
488. Show me where apple cider is located.
489. I need some pear cider, where should I go?
490. Can you help me find gin please?
491. Vodka?
492. Tell me where I can find whisky?
493. Where can I pick up scotch whisky?
494. I'm looking for bourbon, can you help me?
495. Can you direct me to rum now?
496. Whereabouts is white rum in this shop?
497. Help me locate dark rum for my cart?
498. I can't find spiced rum!
499. Where do I go to get tequila?
500. Brandy in this shop?
501. Show me where liqueur is located.
502. Crisps?

503. Can you help me find ready salted crisps please?

504. Tell me where I can find cheese and onion crisps?

505. Where can I pick up salt and vinegar crisps?

506. Prawn cocktail crisps in this shop?

507. Can you direct me to popcorn now?

508. Whereabouts is sweet popcorn in this shop?

509. Help me locate salted popcorn for my cart?

510. Where do I go to get nachos?

511. I'm looking for tortilla chips, can you help me?

512. Doritos?

513. I can't find pringles!

514. Show me where snacks is located.

515. I need some chocolate, where should I go?

516. Can you help me find milk chocolate please?

517. Tell me where I can find dark chocolate?

518. Where can I pick up white chocolate?

519. Chocolate bar in this shop?

520. Can you direct me to biscuits now?

521. Whereabouts is digestive biscuits in this shop?

522. Help me locate custard creams for my cart?

523. Where do I go to get bourbons?

524. I'm looking for chocolate biscuits, can you help me?

525. Shortbread?

526. I can't find radicchio!

527. Show me where sweets is located.

528. Can you help me find wine gums please?

529. Tell me where I can find jelly babies?

530. Where can I pick up mints?

- 531. Toffee in this shop?
- 532. Can you direct me to fudge now?
- 533. Whereabouts is liquorice in this shop?
- 534. Help me locate jelly beans for my cart?
- 535. Nuts?
- 536. Where do I go to get peanuts?
- 537. I'm looking for cashews, can you help me?
- 538. I can't find almonds!
- 539. Show me where walnuts is located.
- 540. I need some mixed nuts, where should I go?
- 541. Can you help me find raisins please?
- 542. Tell me where I can find sultanas?
- 543. Where can I pick up currants?
- 544. Mixed dried fruit in this shop?
- 545. Can you direct me to apricots now?
- 546. Whereabouts is prunes in this shop?
- 547. Arugula?
- 548. Help me locate toiletpaper for my cart?
- 549. Where do I go to get toilet roll?
- 550. I'm looking for kitchenroll, can you help me?
- 551. I can't find kitchen paper!
- 552. Show me where tissues is located.
- 553. I need some paper tissues, where should I go?
- 554. Can you help me find wet wipes please?
- 555. Wipes in this shop?
- 556. Tell me where I can find cleaning wipes?
- 557. Where can I pick up surface wipes?
- 558. Washingup?

559. Can you direct me to washing up liquid now?

560. Whereabouts is dishwasher in this shop?

561. Help me locate dishwasher tablets for my cart?

562. Where do I go to get dishwasher salt?

563. I'm looking for dishwasher rinse aid, can you help me?

564. Laundry in this shop?

565. I can't find laundry detergent!

566. Show me where laundry liquid is located.

567. I need some laundry powder, where should I go?

568. Can you help me find laundry capsules please?

569. Softener?

570. Tell me where I can find fabric softener?

571. Where can I pick up bleach?

572. Can you direct me to toilet bleach now?

573. Cleaner in this shop?

574. Help me locate bathroom cleaner for my cart?

575. Whereabouts is kitchen cleaner in this shop?

576. Where do I go to get floor cleaner?

577. I'm looking for window cleaner, can you help me?

578. I can't find furniture polish!

579. Show me where soap is located.

580. I need some hand soap, where should I go?

581. Can you help me find bar soap please?

582. Liquid soap?

583. Tell me where I can find showergel?

584. Where can I pick up shower gel?

585. Bath foam in this shop?

586. Can you direct me to bubble bath now?

587. Whereabouts is shampoo in this shop?
588. Help me locate hair shampoo for my cart?
589. Where do I go to get conditioner?
590. I'm looking for hair conditioner, can you help me?
591. Lotion?
592. I can't find body lotion!
593. Show me where hand lotion is located.
594. Bok choy in this shop?
595. I need some hand cream, where should I go?
596. Can you help me find face cream please?
597. Body cream?
598. Tell me where I can find deodorant?
599. Where can I pick up roll-on deodorant?
600. Can you direct me to spray deodorant now?
601. Whereabouts is antiperspirant in this shop?
602. Babywipes?
603. Help me locate baby wipes for my cart?
604. Where do I go to get nappies?
605. I'm looking for diapers, can you help me?
606. I can't find baby nappies!
607. Show me where babyshampoo is located.
608. I need some baby shampoo, where should I go?
609. Can you help me find baby lotion please?
610. Baby powder?
611. Tell me where I can find baby food?
612. Where can I pick up baby formula?
613. Toothpaste in this shop?
614. Can you direct me to whitening toothpaste now?

615. Whereabouts is sensitive toothpaste in this shop?
616. Help me locate toothbrush for my cart?
617. Where do I go to get manual toothbrush?
618. I'm looking for electric toothbrush, can you help me?
619. Mouthwash?
620. I can't find floss!
621. Show me where dental floss is located.
622. I need some cottonbuds, where should I go?
623. Can you help me find cotton buds please?
624. Cotton swabs?
625. Tell me where I can find cottonwool?
626. Where can I pick up cotton wool?
627. Can you direct me to cotton balls now?
628. Whereabouts is suncream in this shop?
629. Sun cream?
630. Help me locate sun lotion for my cart?
631. Where do I go to get sunblock?
632. I'm looking for aftersun, can you help me?
633. I can't find after sun lotion!
634. Show me where razors is located.
635. I need some disposable razors, where should I go?
636. Can you help me find razor blades please?
637. Shavingfoam?
638. Tell me where I can find shaving foam?
639. Where can I pick up shaving gel?
640. Gel in this shop?
641. Can you direct me to hair gel now?
642. Whereabouts is styling gel in this shop?

643. Help me locate hair wax for my cart?

644. Where do I go to get hairspray?

645. I'm looking for spray, can you help me?

646. Hair spray?

647. I can't find body spray!

648. Show me where air freshener is located.

649. I need some pads, where should I go?

650. Can you help me find sanitary pads please?

651. Tampons?

652. Tell me where I can find plasters?

653. Where can I pick up bandages?

654. Can you direct me to antiseptic cream now?

655. Whereabouts is painkillers in this shop?

656. Help me locate paracetamol for my cart?

657. Where do I go to get ibuprofen?

658. I'm looking for aspirin, can you help me?

659. Tablets in this shop?

660. I can't find cough tablets!

661. Show me where cold tablets is located.

662. I need some flu tablets, where should I go?

663. Can you help me find indigestion tablets please?

664. Vitamins?

665. Tell me where I can find vitamin c?

666. Where can I pick up vitamin d?

667. Can you direct me to multivitamins now?

668. Whereabouts is supplements in this shop?

669. Help me locate omega 3 for my cart?

670. Where do I go to get iron tablets?

671. I'm looking for zinc tablets, can you help me?

672. Cards in this shop?

673. I can't find greeting cards!

674. Show me where birthday cards is located.

675. I need some thank you cards, where should I go?

676. Can you help me find paper please?

677. Writing paper?

678. Tell me where I can find printer paper?

679. Where can I pick up wrapping paper?

680. Can you direct me to bags now?

681. Whereabouts is gift bags in this shop?

682. Help me locate party bags for my cart?

683. Balloons?

684. Where do I go to get party balloons?

685. I'm looking for pens, can you help me?

686. Biro's in this shop?

687. I can't find felt tips!

688. Show me where notebooks is located.

689. I need some address book, where should I go?

690. Can you help me find diary please?

691. Bulbs?

692. Tell me where I can find light bulbs?

693. Where can I pick up led bulbs?

694. Can you direct me to batteries now?

695. Whereabouts is aa batteries in this shop?

696. Help me locate aaa batteries for my cart?

697. Chargers in this shop?

698. Where do I go to get phone chargers?

699. I'm looking for usb chargers, can you help me?

700. Teatowels?

701. I can't find tea towels!

702. Show me where dish cloths is located.

703. I need some gloves, where should I go?

704. Can you help me find rubber gloves please?

705. Gardening gloves?

706. Tell me where I can find foil?

707. Where can I pick up aluminum foil?

708. Can you direct me to tin foil now?

709. Whereabouts is clingfilm in this shop?

710. Help me locate cling film for my cart?

711. Plastic wrap?

712. Where do I go to get bakingpaper?

713. I'm looking for baking paper, can you help me?

714. Parchment paper in this shop?

715. I can't find containers!

716. Show me where food containers is located.

717. I need some tupperware, where should I go?

718. Can you help me find storage bags please?

719. Freezer bags?

720. Tell me where I can find sandwich bags?

721. Where can I pick up plates?

722. Can you direct me to paper plates now?

723. Whereabouts is plastic plates in this shop?

724. Help me locate cups for my cart?

725. Paper cups?

726. Where do I go to get plastic cups?

727. I'm looking for napkins, can you help me?

728. Paper napkins in this shop?

729. I can't find matches!

730. Show me where safety matches is located.

731. I need some candles, where should I go?

732. Can you help me find tealight candles please?

733. Scented candles?

734. Tell me where I can find dogfood?

735. Where can I pick up dog food?

736. Can you direct me to dry dog food now?

737. Whereabouts is wet dog food in this shop?

738. Help me locate catfood for my cart?

739. Cat food?

740. Where do I go to get dry cat food?

741. I'm looking for wet cat food, can you help me?

742. Pet treats in this shop?

743. I can't find cat litter!

744. Show me where shopping bags is located.

745. I need some canvas bags, where should I go?

746. Can you help me find jute bags please?

747. Umbrella?

748. Tell me where I can find folding umbrella?

749. Where can I pick up adapter?

750. Can you direct me to travel adapter now?

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