

Requirement Stack

Created on 1/26 by A.W.I.

Requirement ID	Description of Requirement	Status	Story Points	Priority	Sprint No.	Assignee
1	Database Integration (Mongo or Postgres)	Done	8	1	1	Hale
1.1	Select DB and hosting approach	Done	2	1	1	Hale
1.2	Create DB connection layer	Done	3	1	1	Hale
1.3	Migrate users & saved recipes to DB	Done	3	1	1	Hale
2	Move collections storage from JSON to DB	Done	3	1	1	Hale
2.1	Create collection schema	Done	1	1	1	Hale
2.2	Update collection service layer	Done	2	1	1	Hale
3	Basic API error handling improvements	Not started	5	2	1	Landon
3.1	Add standardized error responses	Not started	2	2	1	Landon
3.2	Add frontend error display	Not started	3	2	1	Landon
4	Pantry normalization system	Not started	8	1	2	
4.1	Ingredient name normalization rules	Not started	5	1	2	
4.2	Normalize pantry WITH recipe ingredients	Not started	3	1	2	
5	Pantry intersection search feature	Not started	5	1	2	
5.1	Create pantry-only recipe filter logic	Not started	2	1	2	
5.2	Add pantry intersection query mode	Not started	3	1	2	
6	"What Can I Make?" one-click feature	Not started	5	1	2	
6.1	Add UI button + route	Not started	1	1	2	
6.2	Connect to pantry search service	Not started	2	1	2	
7	Recipe caching layer (basic)	Not started	3	2	2	
7.1	Add in-memory cache for recipe results	Not started	2	2	2	
7.2	Cache recipe details by ID	Not started	1	2	2	
8	Grocery quantity consolidation rewrite	Not started	5	2	3	
8.1	Unit merge logic	Not started	3	2	3	
8.2	Duplicate ingredient consolidation	Not started	2	2	3	
9	Pantry auto-deduct on recipe cook	Not started	5	2	3	
9.1	Map recipe ingredients to pantry	Not started	2	2	3	
9.2	Update pantry quantities	Not started	2	2	3	

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10	Recipe serving scaling	Not started	3	3	3	
10.1	Ingredient amount scaling	Not started	2	3	3	
10.2	UI serving selector	Not started	1	3	3	
11	Print-friendly recipe view	Not started	5	3	3	
12	Nutrition display on recipe page	Not started	3	2	4	
12.1	Show macros on recipe view	Not started	2	2	4	
12.2	Allergen highlight UI	Not started	2	2	4	
13	Daily nutrition summary	Not started	5	3	4	
13.1	Aggregate meal plan nutrition	Not started	3	3	4	
13.2	Summary UI card	Not started	2	3	4	
14	Dietary goals tracking	Not started	8	3	4	
15	Add unit tests to core services	Not started	5	1	5	
15.1	Pantry logic tests	Not started	3	1	5	
15.2	Grocery aggregation tests	Not started	3	1	5	
16	API documentation (OpenAPI/Swagger)	Not started	8	2	5	
17	Rate limiting + API protection	Not started	5	2	5	
18	CI/CD pipeline (basic GitHub Actions)	Not started	5	2	5	