

Generous - Commerce Connectors



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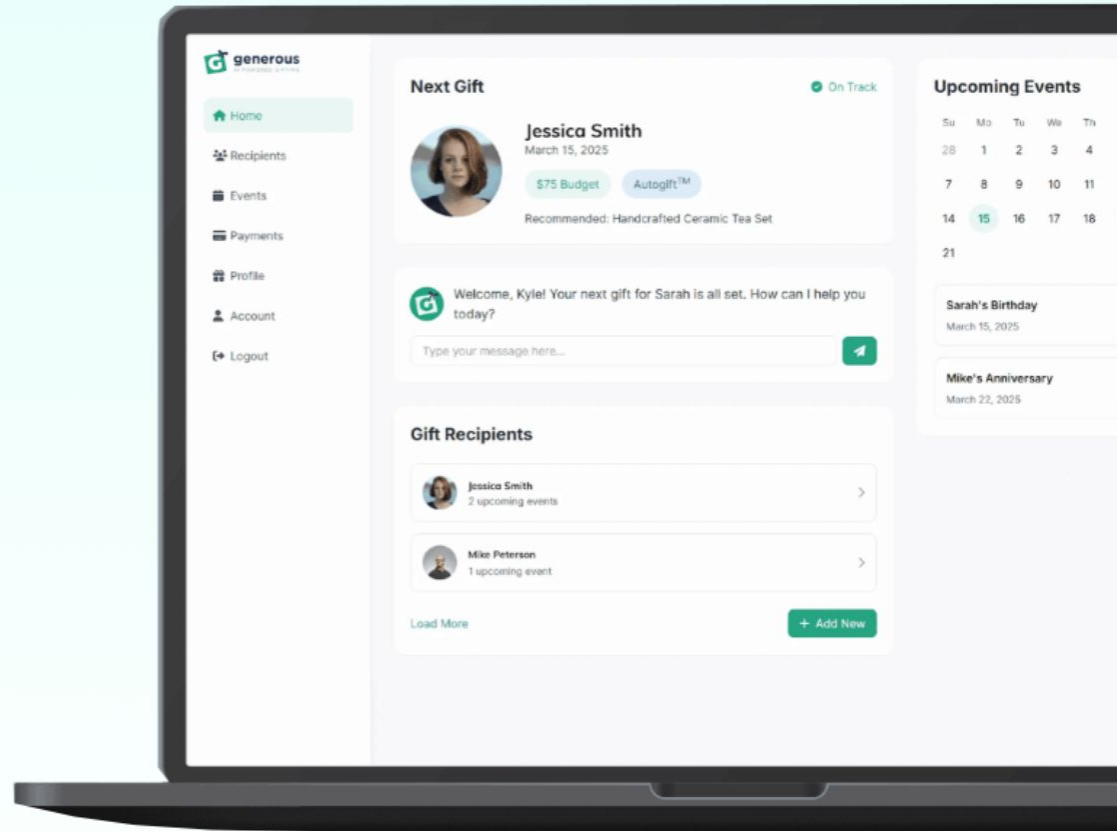
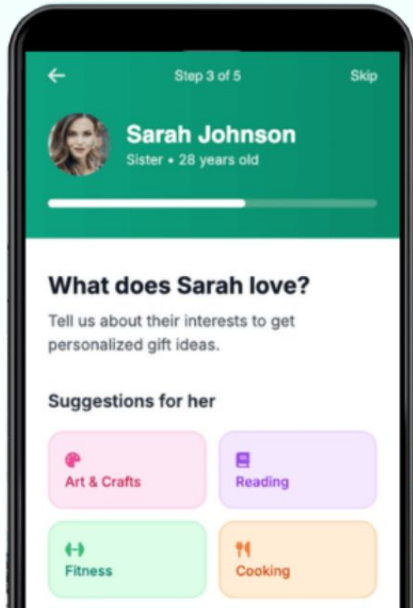
Sponsor

Kyle Montgomery

CEO & Co-Founder of Generous

Agentic commerce

Generous



Discover and send gifts through AI

Problem Statement

Manual merchant onboarding

Merchants must manually export and prepare their product catalogs before joining Generous, making onboarding slow and inefficient.



Slow catalog uploads

Product data must be manually reformatted and uploaded, delaying product availability and slowing merchant onboarding.



Inconsistent product data

Different ecommerce platforms store product data in different formats, leading to inconsistencies and manual corrections.

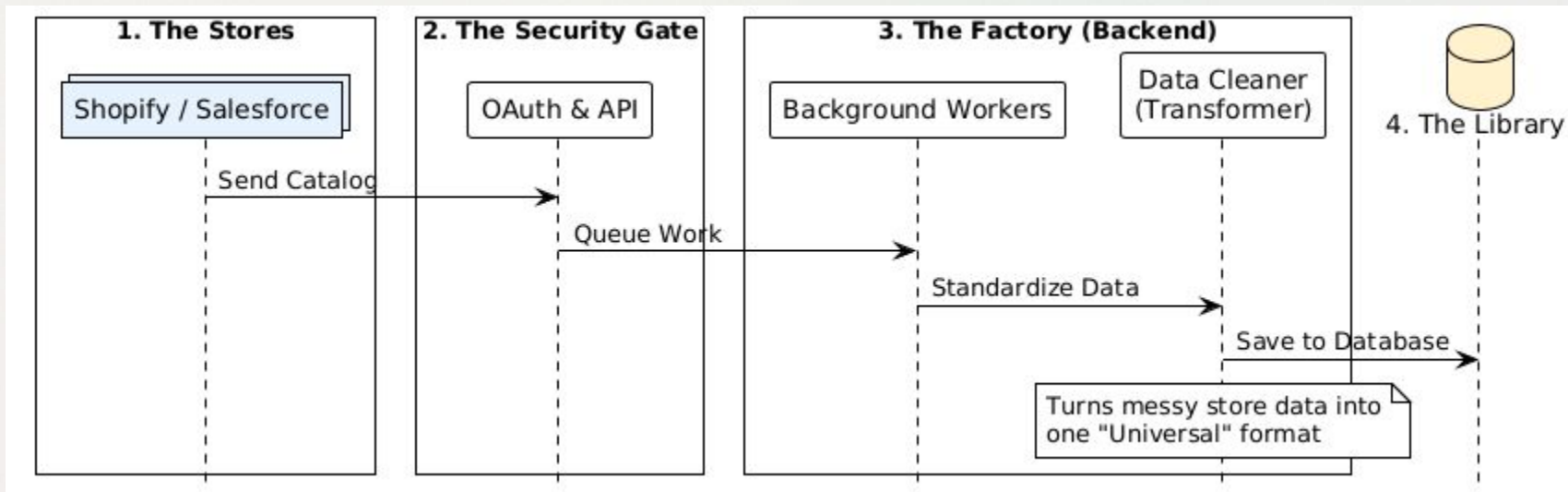


Solutions



Software Design Overview

- Merchant platforms with custom plugins
- Data transfer secured with OAuth2.0
- REST API data ingestion
- Schema validation and transformation



Testing Plan

**Unit testing through
Jest and Mocha**



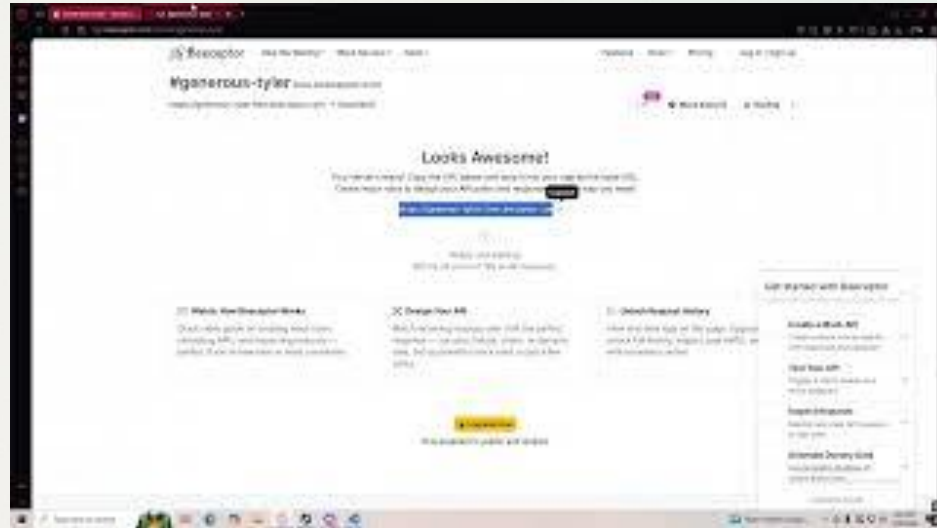
**Integration tests to
ensure reliable end to end
product flow**

**Usability testing by
product owner**



**Red/Green/Refactor
test driven development**

Alpha Demo 2



Challenges & Resolutions



How to format?

Universal Product Schema

- JSON struct
- Standardized format



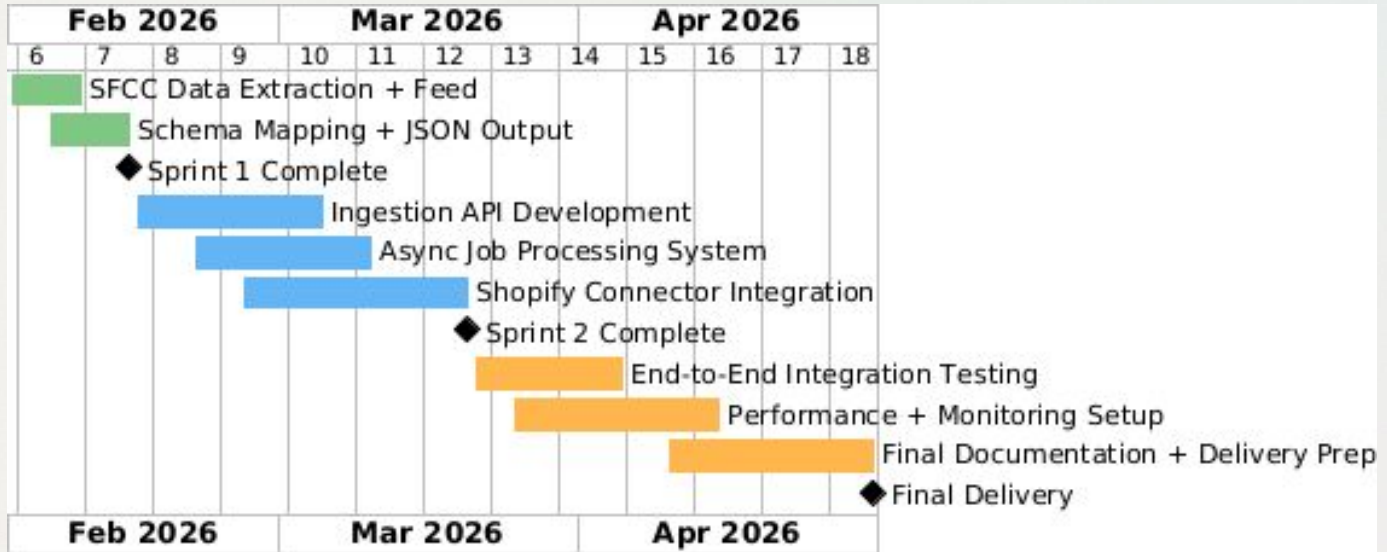
Scalability, More Products = More Problems?

Asynchronous Job Processing

Payload → API → Background

API = queue Background = Jobs

Timeline



Conclusion

We are not just building a connector; we are building the infrastructure that will allow Generous to scale from dozens of brands to thousands.

