



Generous - Commerce Connectors



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Recorder & UX Lead



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Repo & Test Lead



Sponsored by:
Kyle Montgomery

Mentored by:
Nazmul Hossain



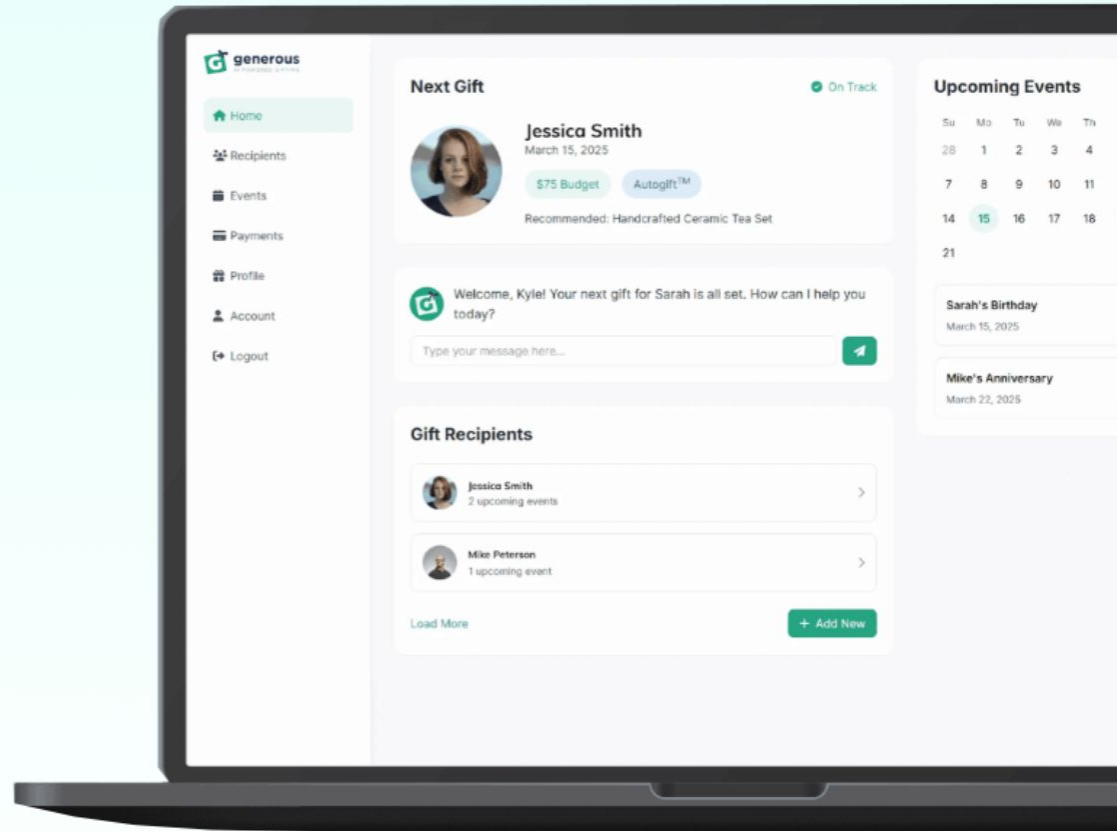
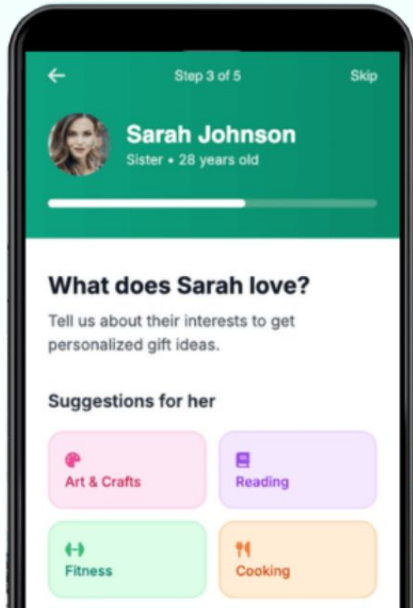
Sponsor

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.



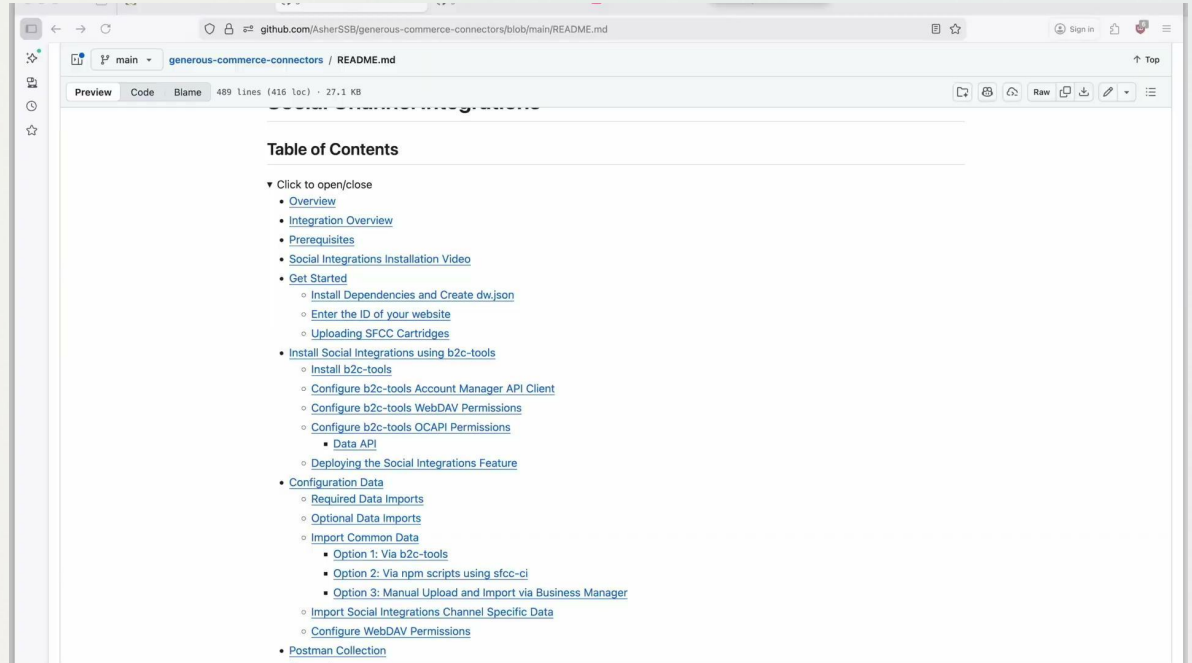
Inconsistent product data

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

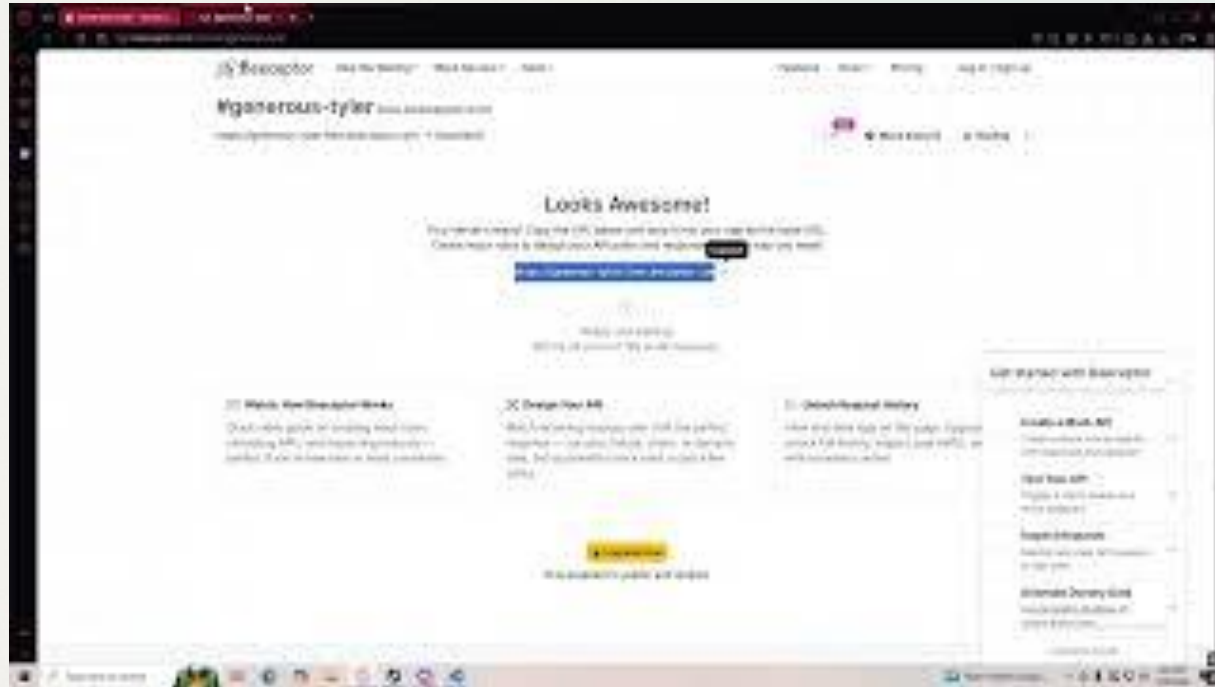


Salesforce Plugin

- **Documentation is Clear and Present**
- **Catalog Data Can Be Customised**
- **Export Feed on command**
- **Schedule Export Job**



Shopify Plugin



Key Requirements

1.

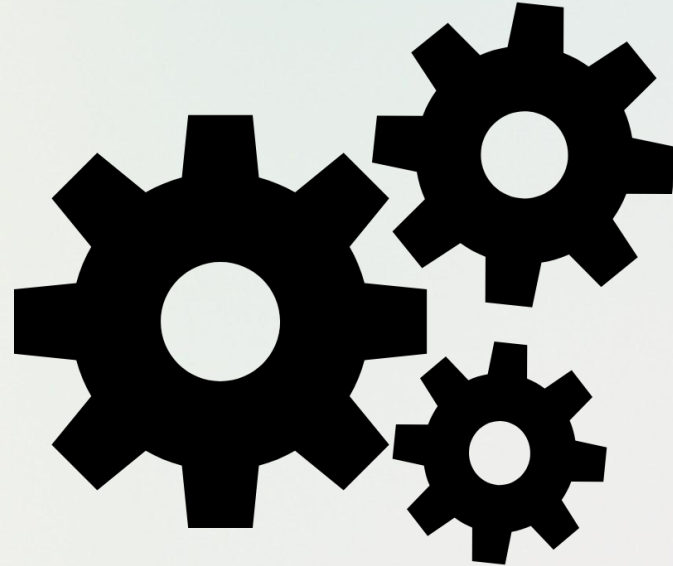
**Convenient for
merchants**

2.

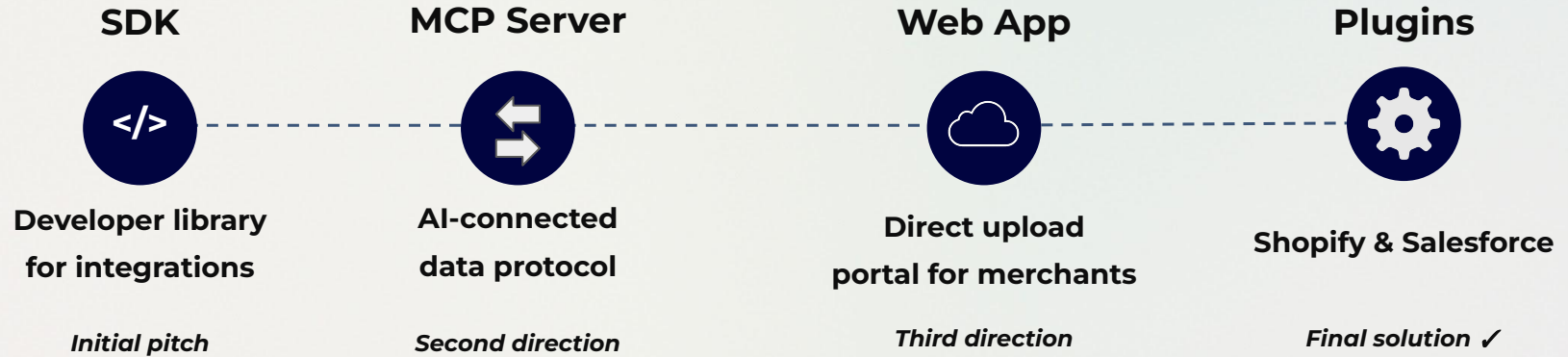
**Low maintenance
for Generous**

3.

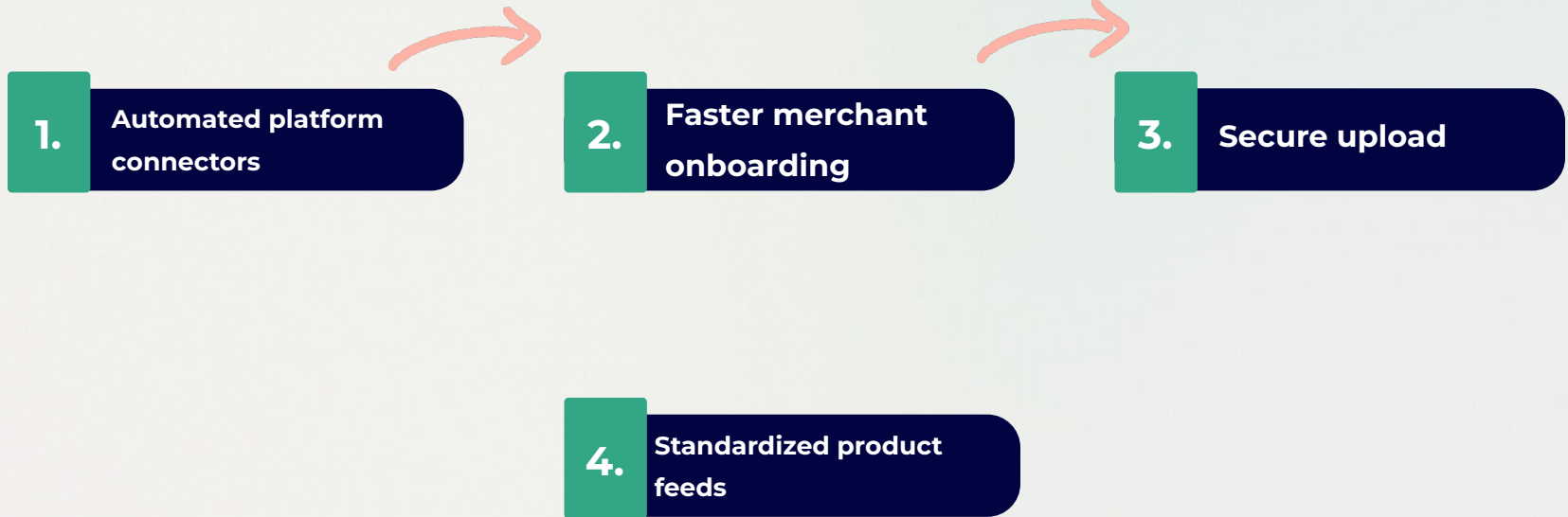
**Customizable and
secure upload**



Product Discovery

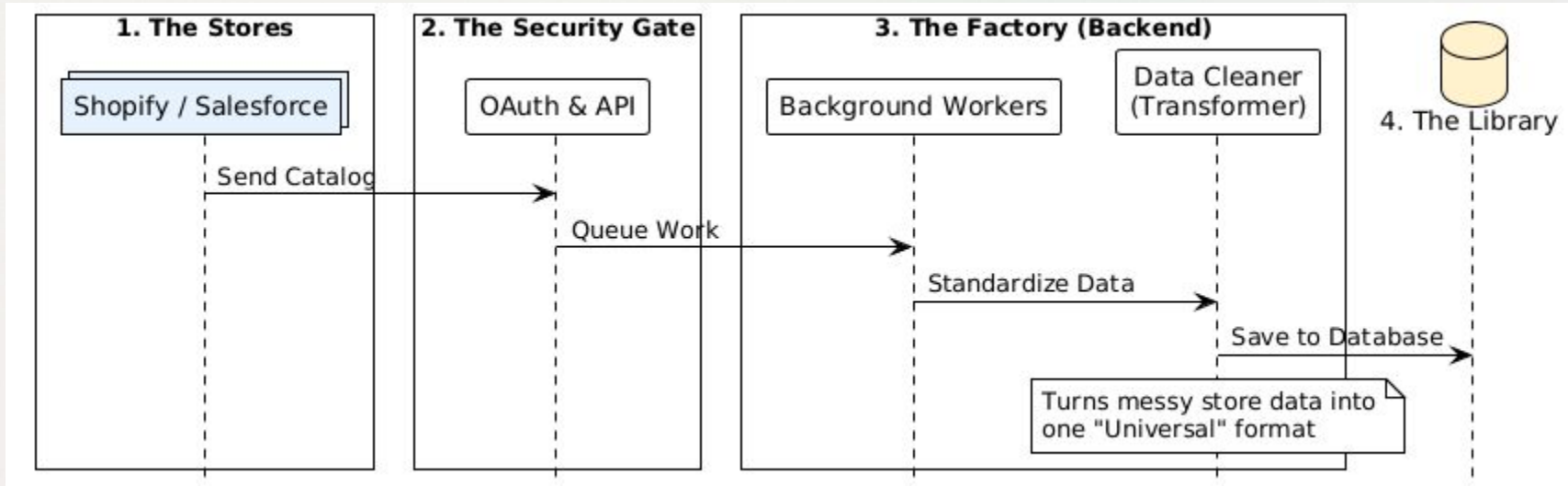


Solutions

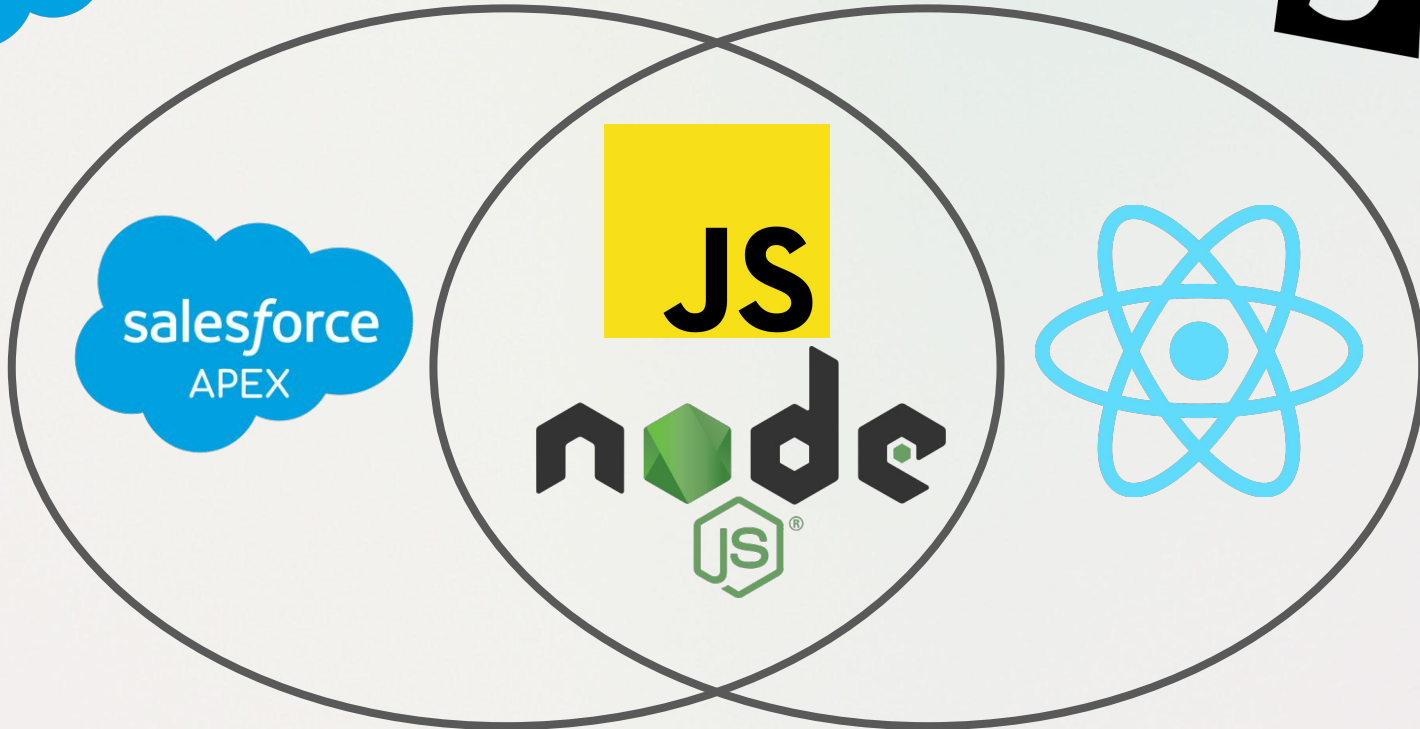


Architecture & Implementation

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



Technologies used



Testing Plan

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



**Usability testing by
product owner**



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



**Unit testing through
Jest and Mocha**



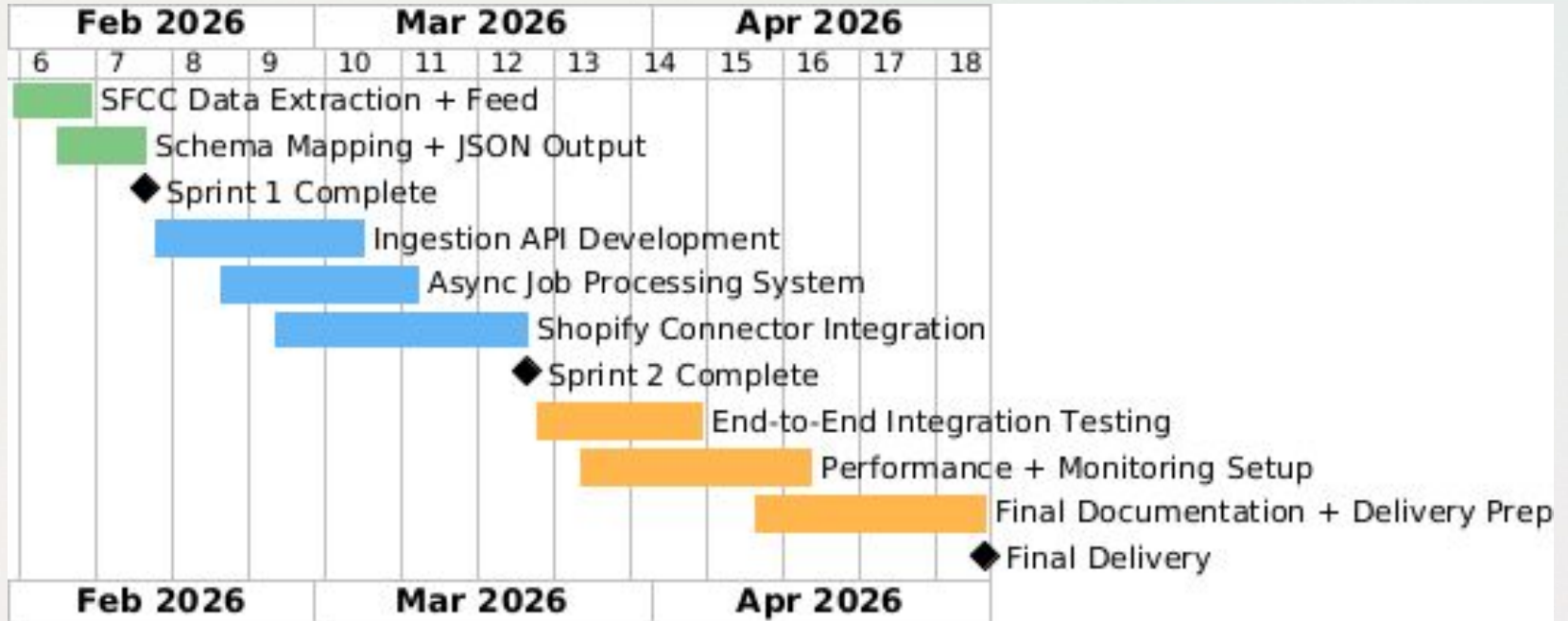
Challenges



Challenge	Solution
Inconsistent Data (Shopify vs SFCC)	<ul style="list-style-type: none">-Universal Product Schema-JSON struct-Standardized Format
Scalability (More products = More processing)	<ul style="list-style-type: none">-Asynchronous Job Processing <p>Payload → API → Background</p>



Project Management: Timeline



Future Works

1.

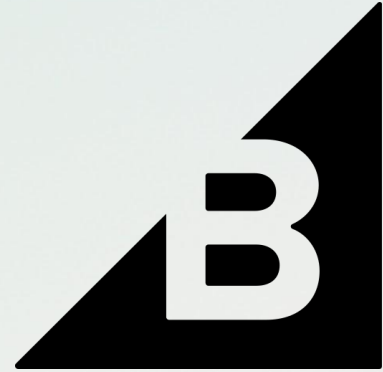
Shopify App Store &
Salesforce AppExchange

2.

Integration into
BigCommerce

3.

Integration into
Zapier



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.





Thank You! Any Questions?



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