

# CS Capstone Design

## Product Demonstration Grading Sheet (100 pts)

TEAM: 20

PROJECT: Generous Commerce connectors

DEVELOPMENT CYCLE:  Alpha Demo I  Alpha Demo II  Acceptance Demo

DATE:

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CLIENT: Kyle Montgomery

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### 1. Overview

The purpose of the Product Demonstration Flight Plan is to define what functionality is planned, what functionality will be demonstrated in the current development cycle, and how success will be evaluated.

This document serves three roles:

1. A **planning artifact**, showing how the full product scope is distributed across development cycles
2. A **demonstration guide**, outlining how the current cycle's functionality will be presented through realistic user flows
3. An **evaluation aid**, defining acceptance criteria used by the mentor and client to assess completeness and correctness

The Flight Plan is prepared by the team, reviewed and approved by the mentor, and used during the live demonstration for evaluation and feedback.

### 2. Product Scope and Development Cycles Overview

This section presents the full set of user stories or use cases for the product and how they are distributed across the three development cycles. The intent is to make clear:

- What functionality exists in the overall product, corresponding to your full prioritized list of functional requirements
- What is included in each development cycle
- How incremental delivery builds toward the final system

#### 2.1. Backlog Overview by Development Cycle

[The blue content are examples, delete it before submitting this document. Add as many lines in the table as needed]

##### Alpha Demo I – Current Cycle

ID	User Story / Use Case	Acceptance Criteria (Summary)
US-1	As a merchant developer, I want Generous' product feed to be well-documented, so I understand expectations.	Technical documentation agnostic of SFCC that outlines what Generous needs as its product feed.
US-2	As a merchant developer or admin, I want to extract data out of SFCC and write it to a feed format Generous can consume, so I can list my products on Generous.	A file written to the SFCC file server, in the right format

US-3	As a merchant developer or admin, I want to configure a job that will regularly generate a product feed and export it to Generous, so my product details can be updated in Generous.	A file written to the SFCC file server, in the right format
US-4	As a merchant team member, I want the cartridge to be well-documented.	<ul style="list-style-type: none"> <li>• Cartridge Repo Readme for developers</li> <li>• Word (or similar) integration guide for any role</li> </ul>
US-5	As a merchandizer in SFCC, I want to be able to manage which products are sent to Generous, and the values of any Generous-specific product attributes, so Generous has the data it needs.	Business Manager modifications so a merchant can enable/disable products and adjust any settings.

#### Alpha Demo II - Planned Scope

ID	User Story / Use Case	Acceptance Criteria (Summary)
US-6	As a shopify merchant, I want to download the generous extension through the appstore	Account created, validation enforced, user can log in
US-7	As a shopify merchant, I want to be able to manage which products are sent to Generous, and the values of any Generous-specific product attributes, so Generous has the data it needs.	Account created, validation enforced, user can log in
US-8	As a shopify merchant, I want the product feed and cartridge to be well-documented.	Developer and merchant facing documentation is provided describing setup, configuration, and feed requirements.
US-9	As a shopify merchant, I want to configure a job that will regularly generate a product feed and export it to Generous, so my product details can be updated in Generous.	A scheduled process successfully generates and exports an updated product feed to Generous on a recurring basis.
US-10	As a merchant developer or admin, I want to extract data out of Shopify and write it to a feed format Generous can consume, so I can list my products on Generous.	A product feed file is generated from Shopify data and written in the correct Generous format.

#### Acceptance Demo - Planned Scope

ID	User Story / Use Case	Acceptance Criteria (Summary)
<US/UC ID>	<User story or Use Case short description>	<A sentence that summarizes the acceptance criteria for the user story/use case>
	TBD	TBD
	TBD	TBD
	TBD	TBD
	TBD	TBD
	TBD	TBD

### 3. Demonstration Walkthrough

For each user story or use case included in the current cycle, provide a demonstration walkthrough guided by acceptance criteria. The demo should follow a realistic user flow and show the functionality working end-to-end.

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**Use Case / User Story:** [US-1, Feed Documentation](#)

**User Role:** Cross Platform Merchant

**Goal:** Easily Understand Product Upload Requirements

**Demonstration flow:**

1. User opens [Generous feed documentation](#)
2. User Reads [JSON feed specifications](#)
3. User reads details on [in-depth feed spec](#)

**Acceptance Criteria (What Success Looks Like)**

The demonstration is considered successful if:

- [Markdown file exists for documenting generous feed](#)
- [Generous feed output is exported in .jsonl format](#)
- [Short descriptions exist of each section of the feed.](#)

**Evaluation and Comments (for mentors only):**

- Convincingly demonstrated the functionality
  
- Other evaluative comments/notes

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**Use Case / User Story:** [US-2, Upload data to generous](#)

**User Role:** Merchant Developer / Merchant Administrator

**Goal:** Enable a merchant to upload selected product data from SFCC to Generous in the required feed format so products can be ingested by Generous.

**Demonstration flow:**

1. User uploads cartridge to Business Manager
2. Navigate to Administration->social product feed
3. Configure job settings
4. Navigate to Administration->jobs->generous export
5. User specifies which products they want to upload
6. User runs job to upload products to Generous in formatted feed
7. Selected products are exported to generous servers

**Acceptance Criteria (What Success Looks Like)**

The demonstration is considered successful if:

1. User is able to upload cartridge to business manager
2. User is able to choose which products to upload
3. User can run a job to upload to Generous
4. Data appears on Generous's database

**Evaluation and Comments (for mentors/clients only):**

- Convincingly demonstrated the functionality
  
- Other evaluative comments/notes

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**Use Case / User Story:** [US-3, Configure Scheduled Product Feed Job](#)

**User Role:** Merchant Developer / Merchant Administrator

**Goal:** Enable a merchant to configure and run a scheduled job that regularly generates a product feed and exports it to Generous so product data stays up to date.

**Demonstration flow:**

1. User navigates to the administration->Jobs module in Salesforce Business Manager.
2. Select generous json export job
3. User configures a job to generate the Generous product feed on a scheduled basis.
4. User manually triggers the job for demonstration purposes.

**Acceptance Criteria (What Success Looks Like)**

The demonstration is considered successful if:

4. Business Manager provides controls to enable or disable products for export.
5. The user is able to edit and save Generous-specific product attributes.
6. Changes made in Business Manager are reflected in the generated product feed.

**Evaluation and Comments (for mentors only):**

- Convincingly demonstrated the functionality
  
- Other evaluative comments/notes

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**Use Case / User Story:** [US-4, Cartridge Documentation](#)

**User Role:** Merchant Developer / Merchant Administrator

**Goal: Provide clear and complete documentation for the Generous cartridge so developers and non-technical team members can successfully install, configure, and use it.**

**Demonstration flow:**

1. User opens the Generous cartridge repository.
2. User reviews the README file intended for developers.
3. User opens the integration guide (Word or similar) intended for any role.

**Acceptance Criteria (What Success Looks Like)**

The demonstration is considered successful if:

A clear and complete README is present in the cartridge repository for developers.

An integration guide (Word or similar format) is available for technical and non-technical roles.

Documentation describes installation, configuration, and job execution steps.

**Evaluation and Comments (for mentors only):**

- Convincingly demonstrated the functionality
  
  
  
  
  
  
  
  
  
  
- Other evaluative comments/notes

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**Use Case / User Story:** [US-5, Manage Product Selection and Attributes](#)

**User Role:** Merchant Developer / Merchant Administrator

**Goal:** Enable a merchandiser to manage which products are sent to Generous and configure Generous-specific product attributes so Generous receives the correct product data.

**Demonstration flow:**

1. User logs into Salesforce Business Manager.
2. User navigates to the product management section modified by the Generous cartridge.
3. User enables or disables selected products for export to Generous.

**Acceptance Criteria (What Success Looks Like)**

The demonstration is considered successful if:

4. Business Manager provides controls to enable or disable products for export.
5. The user is able to edit and save Generous-specific product attributes.
6. Changes made in Business Manager are reflected in the generated product feed.

**Evaluation and Comments (for mentors only):**

- Convincingly demonstrated the functionality
  
  - Other evaluative comments/notes
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**4. Out-of-Scope or Deferred Functionality**

List any user stories or use cases planned in the approved flight plan for this cycle, but not demonstrated, along with their planned future cycle. This helps set clear expectations and avoids confusion during the demo.

**Alpha Demo I – Current Cycle**

<b>ID</b>	<b>Reason Not Demonstrated</b>	<b>Planned Cycle</b>
US-8	Dependency is not yet complete	Alpha Demo II
US-15	Functionality removed by the client	N/A

**5. Known Limitations and Planned Follow-Up**

Document any known limitations (if any), partial implementations, or issues observed during development or demonstration. Where possible, indicate planned mitigation or timing for resolution.

- Limitation / Issue: Endpoints or sandboxes provided late by client or upstream services
- Impact: Inability to develop features for new platforms such as Shopify
- Planned Resolution (if known): Continued refinement of previously produced systems

**6. Approval**

This Flight Plan has been reviewed and approved for use in the Alpha Demonstration.

**Mentor Approval:** 

**Date:** 2/9/2026