

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

SPARTI

The Capstone Experience

Team Amazon

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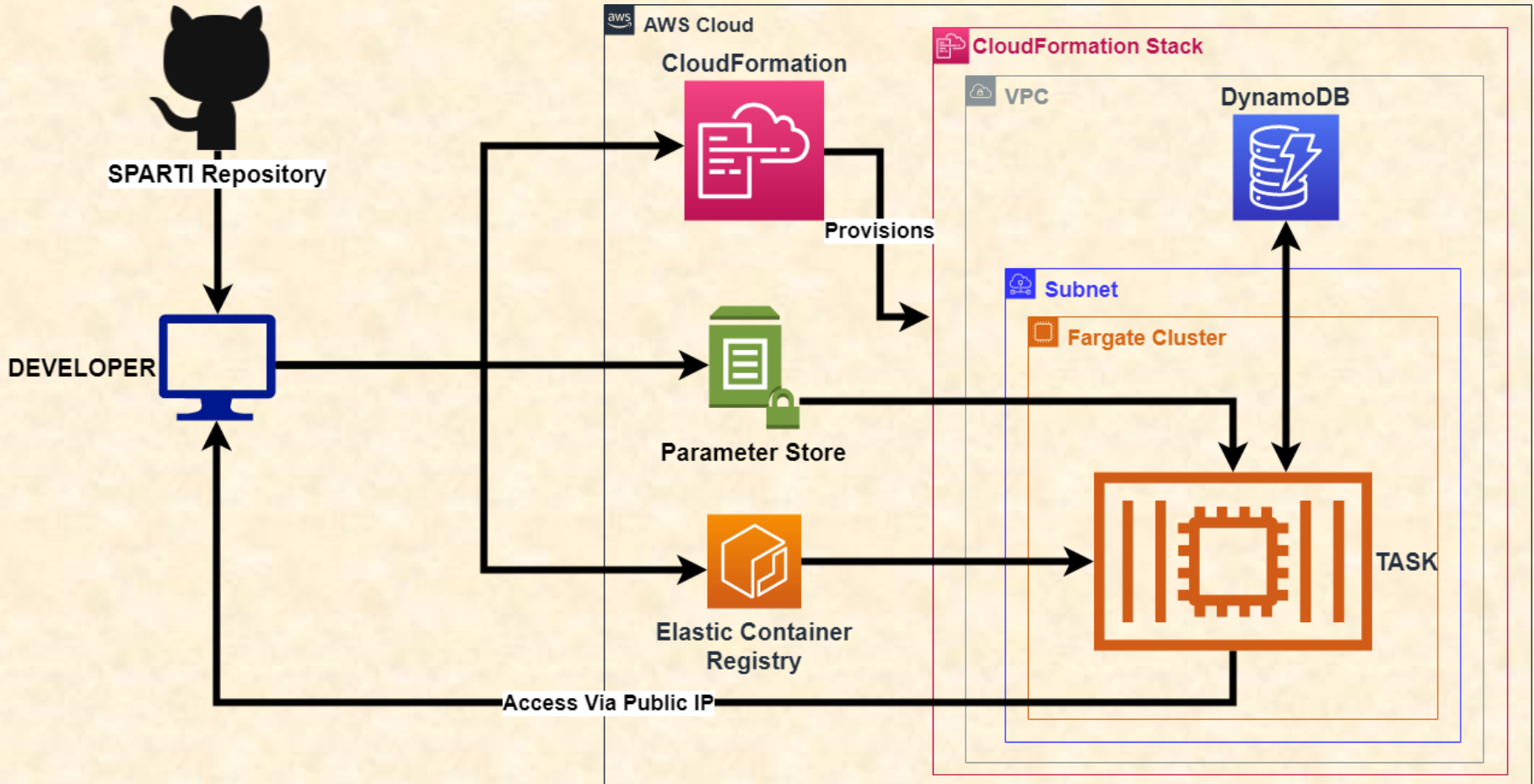
*From Students...
...to Professionals*

Project Overview

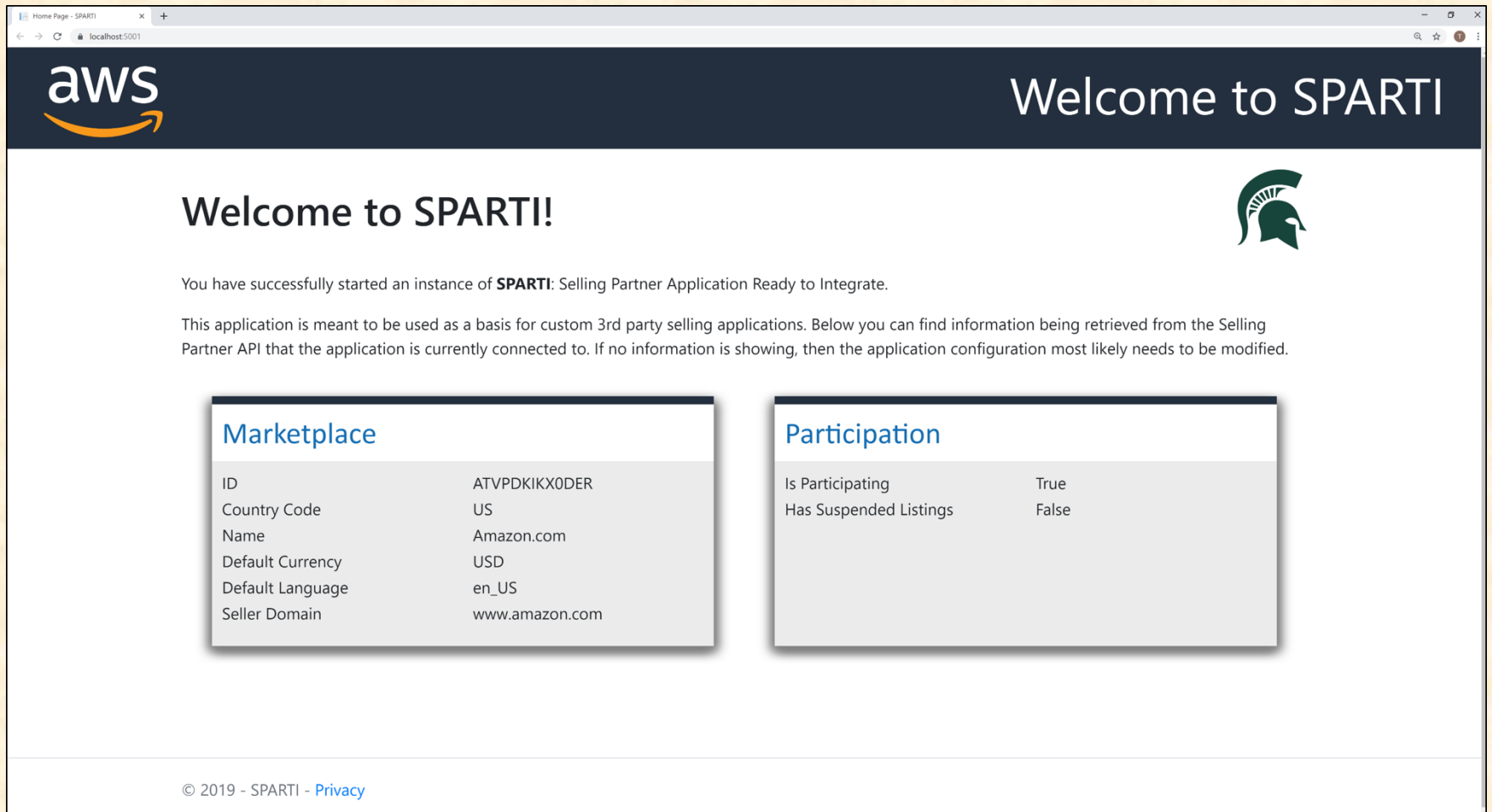
- **SPARTI**: Selling Partner Application Ready to Integrate.
- Our application makes the process of building a third-party seller application super simple.
- Provides a template application capable of fully connecting with Amazon's seller services.
- Offers third-party sellers the ability to automatically deploy and host their applications in the cloud.



System Architecture




Welcome Page



The screenshot shows a web browser window with the URL localhost:5001. The page features the AWS logo in the top left and the text 'Welcome to SPARTI' in the top right. Below this, there is a large heading 'Welcome to SPARTI!' and a green Spartan helmet icon. A paragraph of text explains that the user has successfully started an instance of SPARTI and provides information about its use. Two data panels are displayed: 'Marketplace' and 'Participation'. The 'Marketplace' panel lists details such as ID, Country Code, Name, Default Currency, Default Language, and Seller Domain. The 'Participation' panel shows 'Is Participating' as True and 'Has Suspended Listings' as False. At the bottom, there is a copyright notice for 2019 and a link to the Privacy policy.

aws

Welcome to SPARTI



Welcome to SPARTI!

You have successfully started an instance of **SPARTI**: Selling Partner Application Ready to Integrate.

This application is meant to be used as a basis for custom 3rd party selling applications. Below you can find information being retrieved from the Selling Partner API that the application is currently connected to. If no information is showing, then the application configuration most likely needs to be modified.

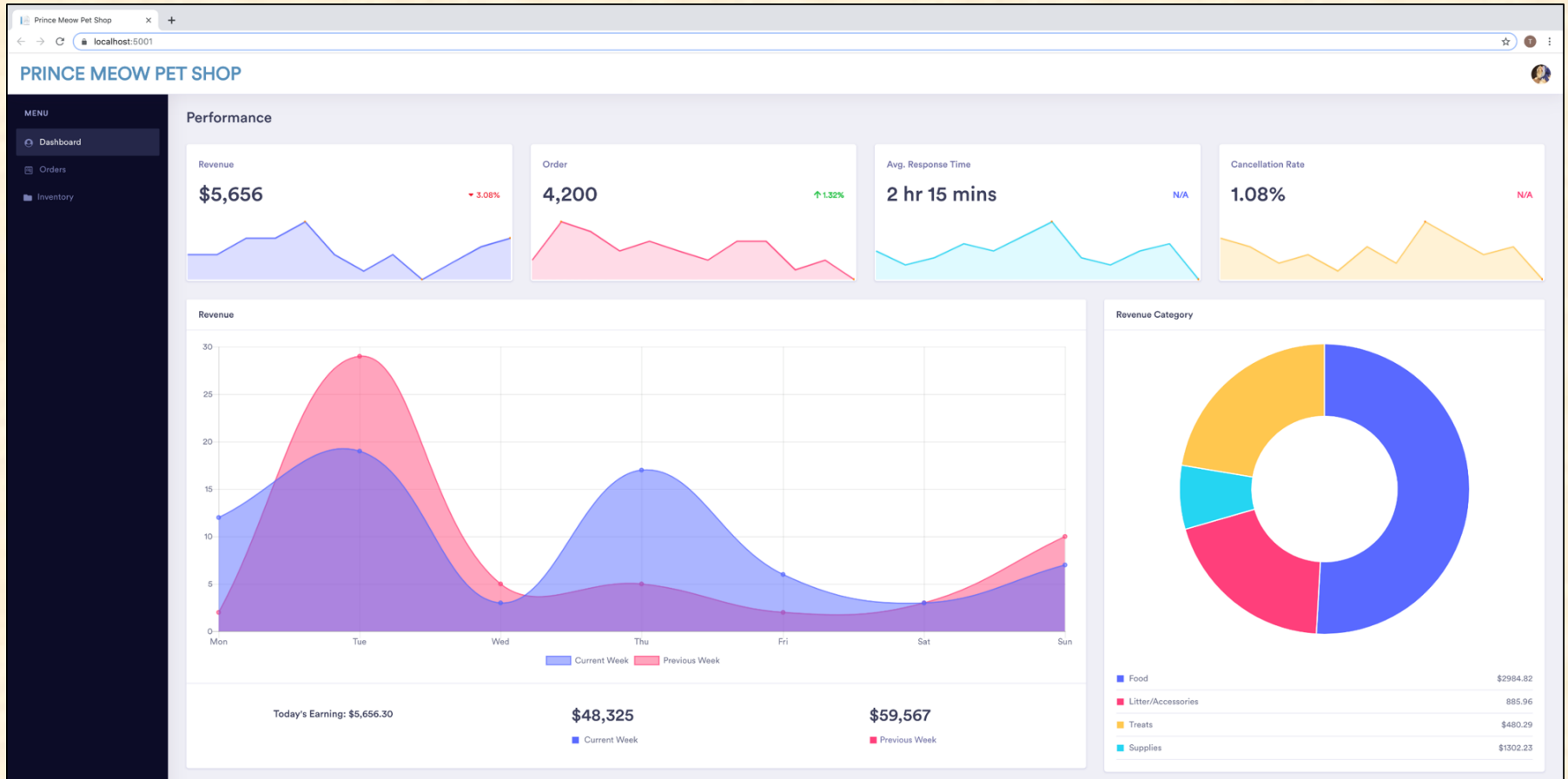
Marketplace	
ID	ATVPDKIKX0DER
Country Code	US
Name	Amazon.com
Default Currency	USD
Default Language	en_US
Seller Domain	www.amazon.com

Participation	
Is Participating	True
Has Suspended Listings	False

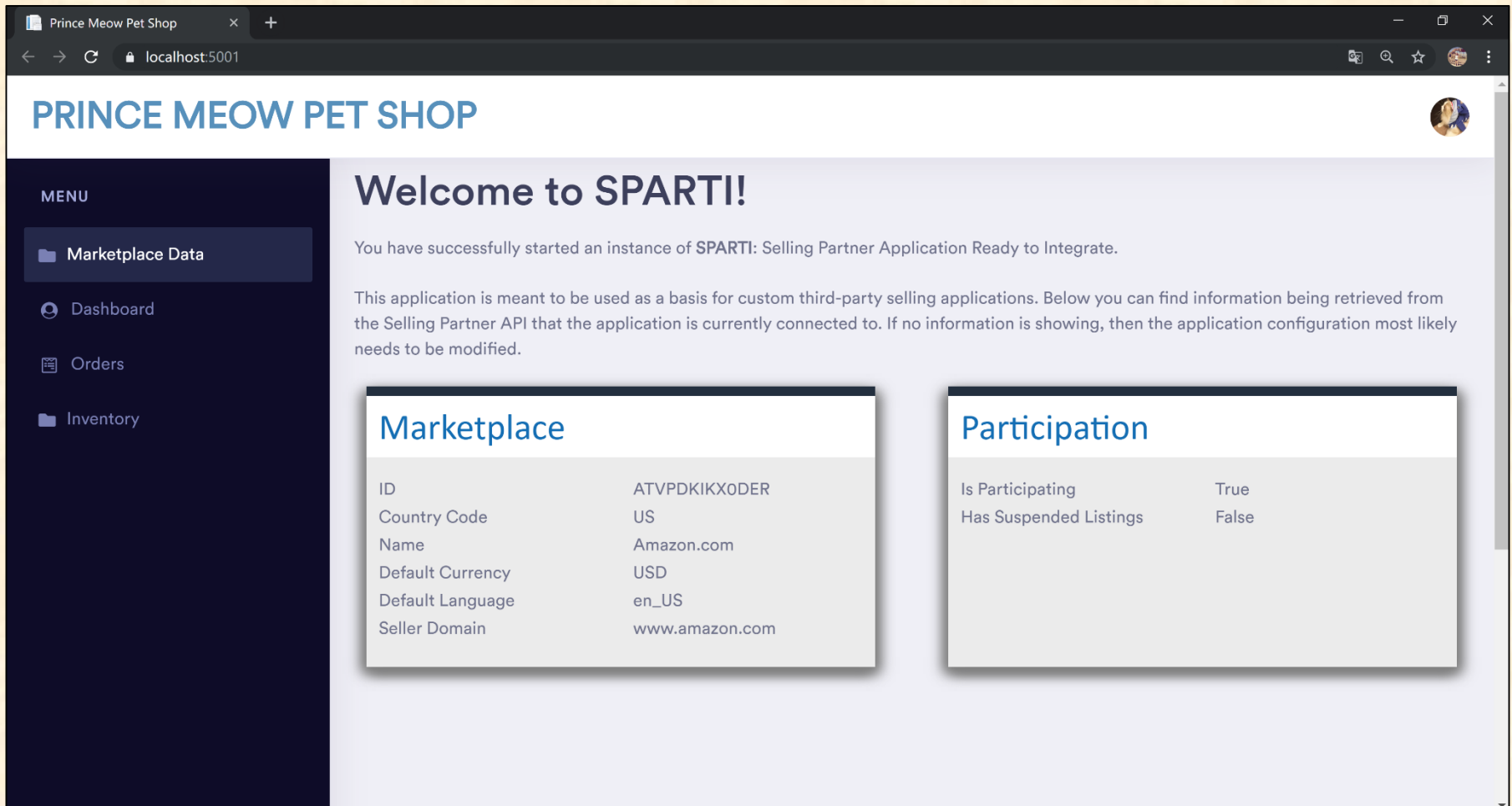
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Seller Portal Dashboard



Marketplace Data



The screenshot shows a web browser window with the URL localhost:5001. The page title is "PRINCE MEOW PET SHOP". A dark sidebar on the left contains a "MENU" with items: "Marketplace Data" (highlighted), "Dashboard", "Orders", and "Inventory". The main content area has a header "Welcome to SPARTI!" and a message: "You have successfully started an instance of SPARTI: Selling Partner Application Ready to Integrate." Below this is a paragraph: "This application is meant to be used as a basis for custom third-party selling applications. Below you can find information being retrieved from the Selling Partner API that the application is currently connected to. If no information is showing, then the application configuration most likely needs to be modified." Two data cards are displayed: "Marketplace" and "Participation".

Marketplace	
ID	ATVPDKIKX0DER
Country Code	US
Name	Amazon.com
Default Currency	USD
Default Language	en_US
Seller Domain	www.amazon.com

Participation	
Is Participating	True
Has Suspended Listings	False

Inventory Management

PRINCE MEOW PET SHOP

Inventory

Status	Image	Product Name	Available	Fee Preview	Price	Action
● Active		Solid Gold Indigo Moon High Protein Wild Alaskan Pollock & Eggs Recipe Grain-Free Dry Cat Food, 12-lb bag	823	\$12.8	\$33.29	Manage
● Active		Fancy Feast Gravy Lovers Poultry & Beef Feast Variety Pack Canned Cat Food, 3-oz, case of 24	2930	\$8.8	\$14.72	Manage
● Active		Tiny Tiger Pate Beef & Poultry Recipes Variety Pack Grain-Free Canned Cat Food, 3-oz, case of 24	530	\$5	\$12.34	Manage
● Active		Ziwi Peak Venison Recipe Canned Cat Food, 3-oz, case of 24	82	\$29	\$84.94	Manage
● Active		Stella & Chewy's Chick Chick Chicken Dinner Morsels Freeze-Dried Raw Cat Food, 18-oz bag	273	\$24	\$37.99	Manage
● Active		Primal Beef & Salmon Formula Nuggets Grain-Free Raw Freeze-Dried Cat Food, 14-oz bag	482	\$19	\$30.99	Manage
● Active		Go! Solutions Carnivore Grain-Free Chicken, Turkey + Duck Recipe Dry Cat Food, 16-lb bag	35	\$30	\$59.99	Manage
● Active		Supreme Source Chicken Meal & Turkey Meal Grain-Free Dry Cat Food, 11-lb bag	823	\$18	\$26.99	Manage

What's left to do?

- Finalize the CloudFormation Template
- Implement and utilize DynamoDB for handling multiple sellers
- Improve automation of building and deploying SPARTI to AWS
- Create a GitHub README that will instruct a developer on how to use the SPARTI project



Questions?

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