

Abstract

Disclosed herein are systems and methods for product registration and validation in a retail environment. The system may comprise a memory storing instructions and one or more processors configured to execute instructions to perform operations. These operations may comprise receiving a request from a user device for a product registration template for a product category; retrieving metadata relating to the product category from a first database; generating a product registration template from the metadata; sending the product registration template to the user device; receiving product properties for the one or more products through the user device utilizing the product registration template; validating the received product properties against a predefined schema; storing the validated product properties in a second database; and registering the one or more products on the web server.