

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID29830
Project Name	NVENTORY MANAGEMENT SYSTEM FOR RETAILERS
Maximum Marks	4 Marks

Solution Architecture:

- A portal for retailers is created in which the retailers can create their inventory by logging in to their account.
- The retailers can update or remove/add item in the inventory.
- A customer login/sign up portal will be given in which He/she is able to login/ sign up and check for their products in the inventory.
- The web application contains a Watson Assistant which guides the customers with suitable information.
- The chatbot will be able to provide answers for the Frequently asked Questions (FAQ).
- If the products in the inventory is going to finish a message is sent to retailers the product is going to out of stock.
- In the customer page we will show the top selling products and offers, through which customers can know the top selling products.
- After every product is sold the products in the inventory will automatically updated.

Solution Architecture Diagram:

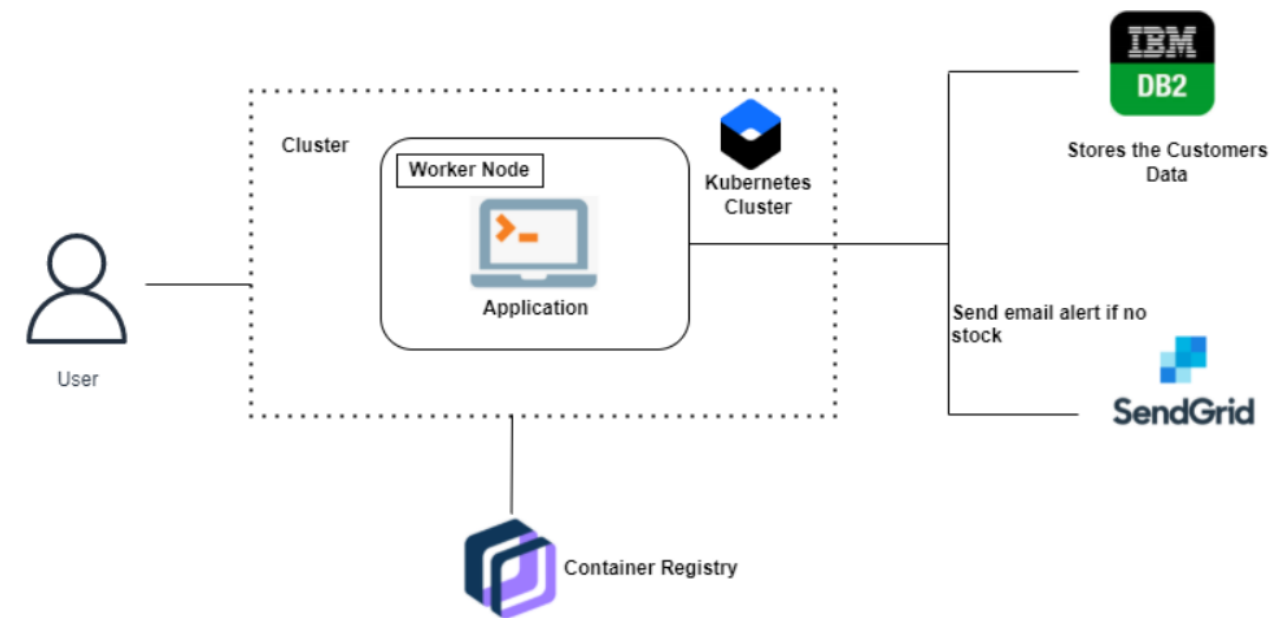


Figure 1: Architecture and data flow of the Customer Care Registry application