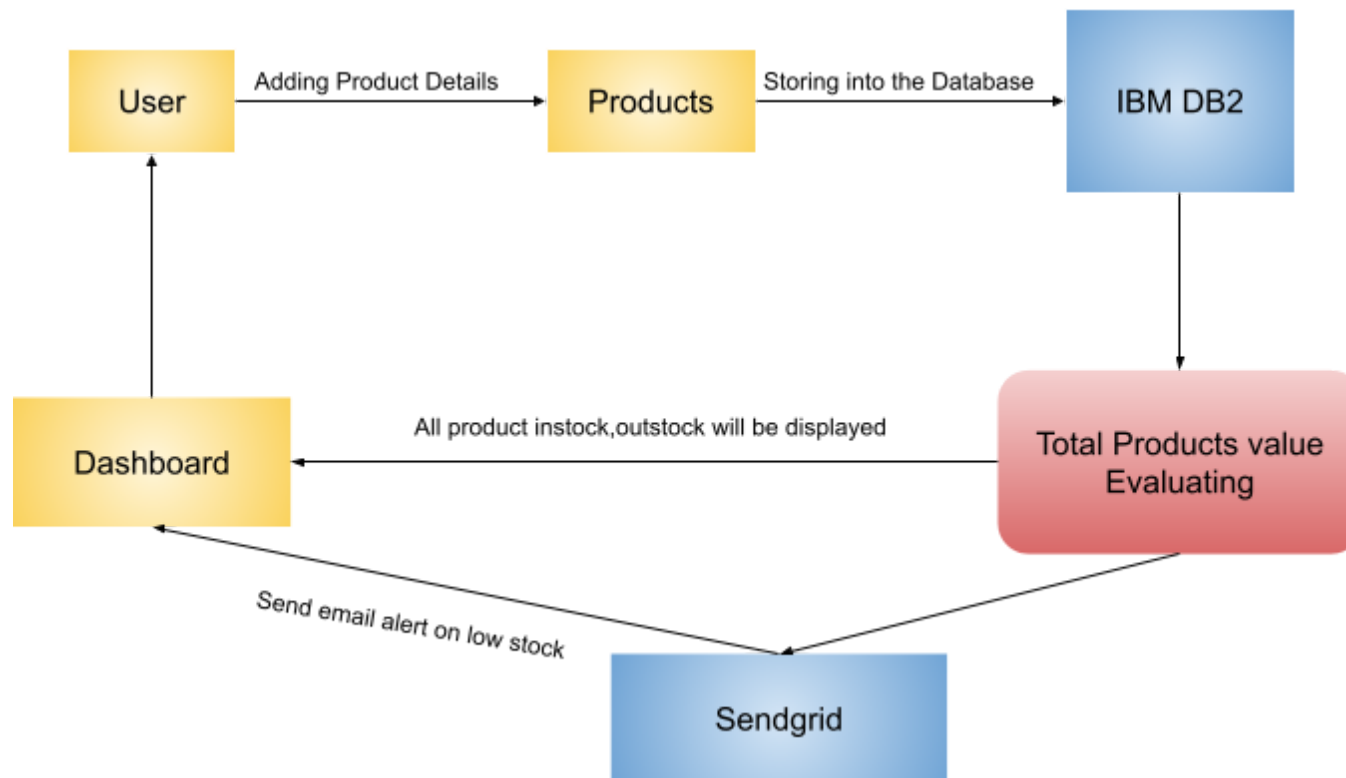


Project Design Phase-II
Data Flow Diagram & User Stories

| | |
|---------------|---|
| Date | 24 October 2022 |
| Team ID | PNT2022TMID15205 |
| Project Name | Inventory Management System for Retailers |
| Maximum Marks | 4 Marks |

Data Flow Diagram:



User Stories

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---------------------|-------------------------------|-------------------|---|---|----------|------------|
| Retailer | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | Medium | Sprint-1 |
| | Login | USN-3 | As a user, I can log into the application by entering email & password | I can access my account / dashboard | High | Sprint-1 |
| | Dashboard | USN-4 | As a user, I can view the stock list and suppliers list | Once I log in to the system, I can able to view the stocks | Medium | Sprint-1 |
| | Items | USN-5 | As a user, I can add the items. | I can create a new type of item | High | Sprint-2 |
| | | USN-6 | As a user, I can see the items | I can be able to see the items that can be added to the inventory | Low | Sprint-2 |
| | Inventory | USN-7 | As a user, I can add the items to inventory. | I can add items to the inventory with quantity | High | Sprint-2 |
| | | USN-8 | As a user, I can see the items in the inventory. | I can see the inventory items with quantity | Low | Sprint-2 |
| | Indication | USN-9 | As a user, I can be able to receive indication | I receive a notification when the stock running low | High | Sprint-3 |
| | Location | USN-10 | As a user, I can be able to see items from a particular store location | I can be able to make purchase from a particular location | Medium | Sprint-3 |
| | | USN-11 | As a user, I can add a new location of my store | I can be able to add new store locations | Medium | Sprint - 3 |
| Customer | Purchase | USN -12 | As a customer, I can be able to purchase good from the particular location of the store | I can able to purchase from the store | High | Sprint - 4 |
| Retailer & Customer | Deployment | USN-13 | As a user, I can access the software in the web | I can access the software in web | High | Sprint -4 |