

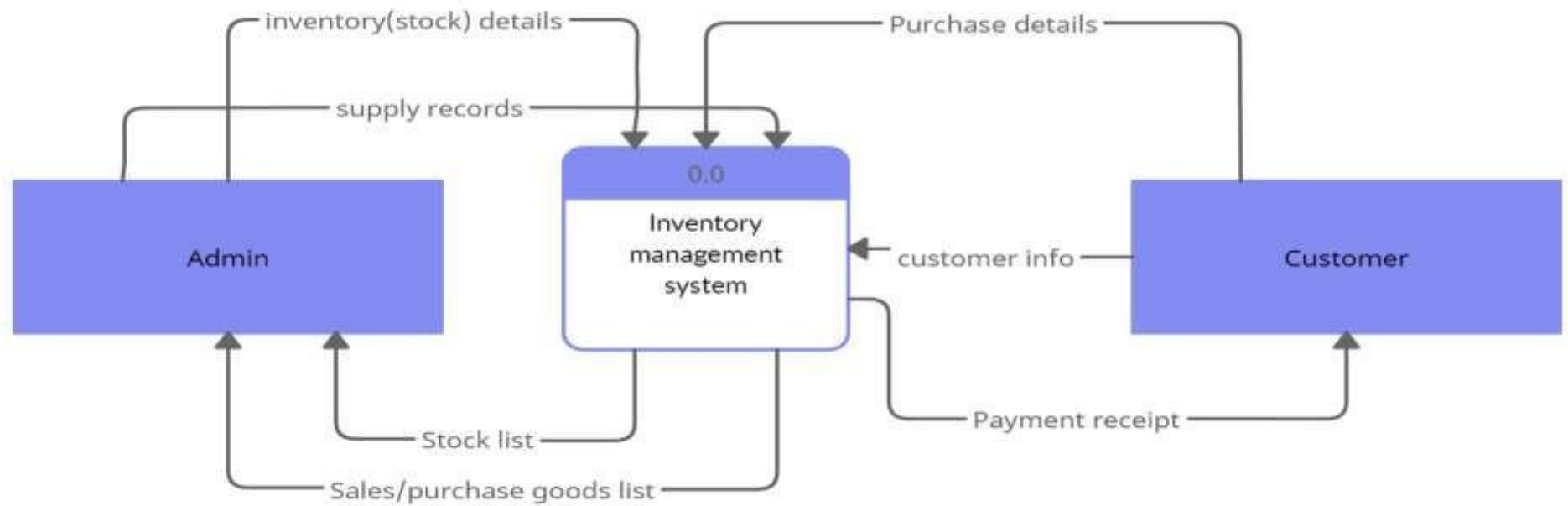
Project Design Phase-II
Data Flow Diagram & User Stories

| | |
|---------------|---|
| Date | 17 October 2022 |
| Team ID | PNT2022TMID23162 |
| Project Name | Inventory management system for retailers |
| Maximum Marks | 4 Marks |

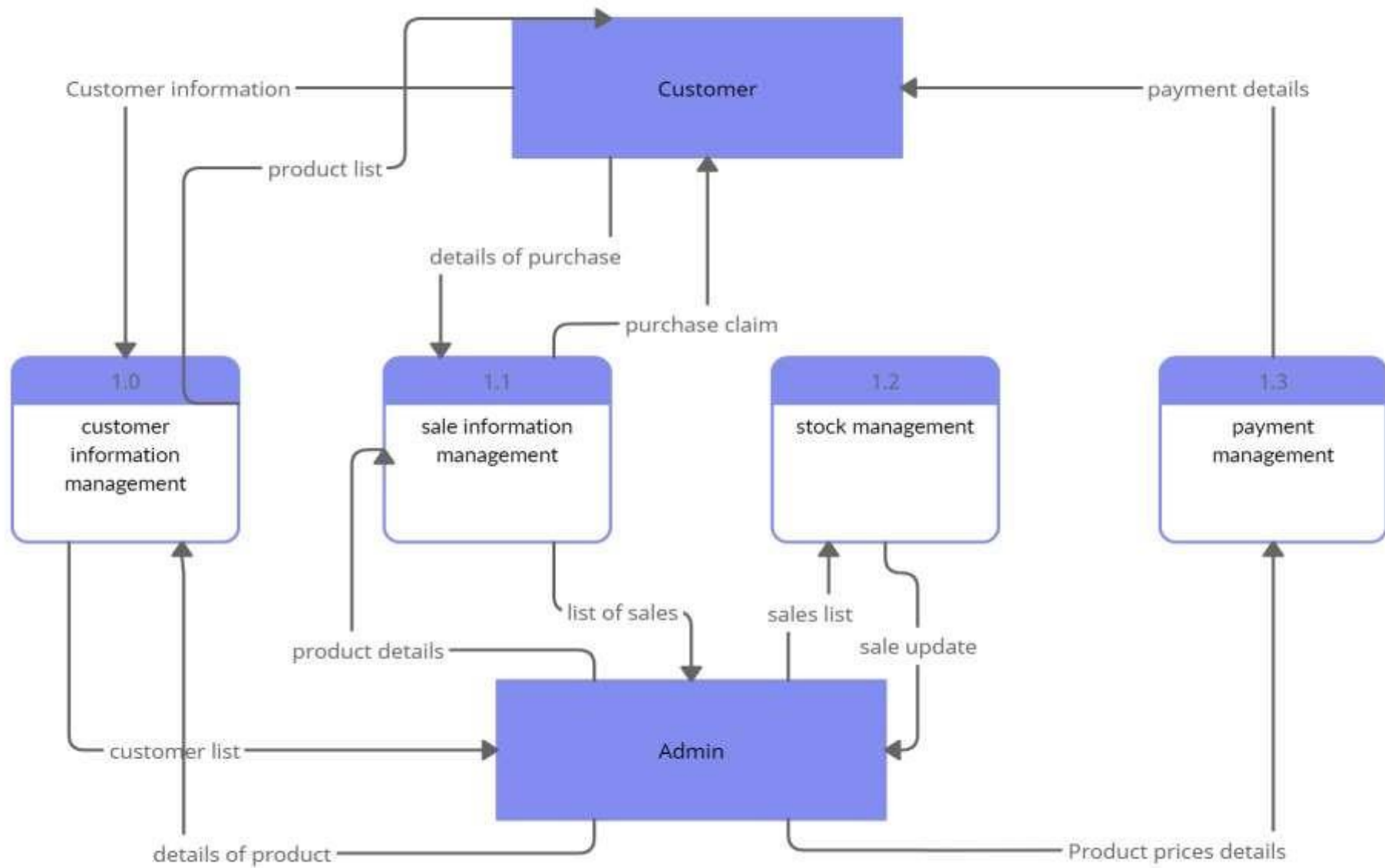
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

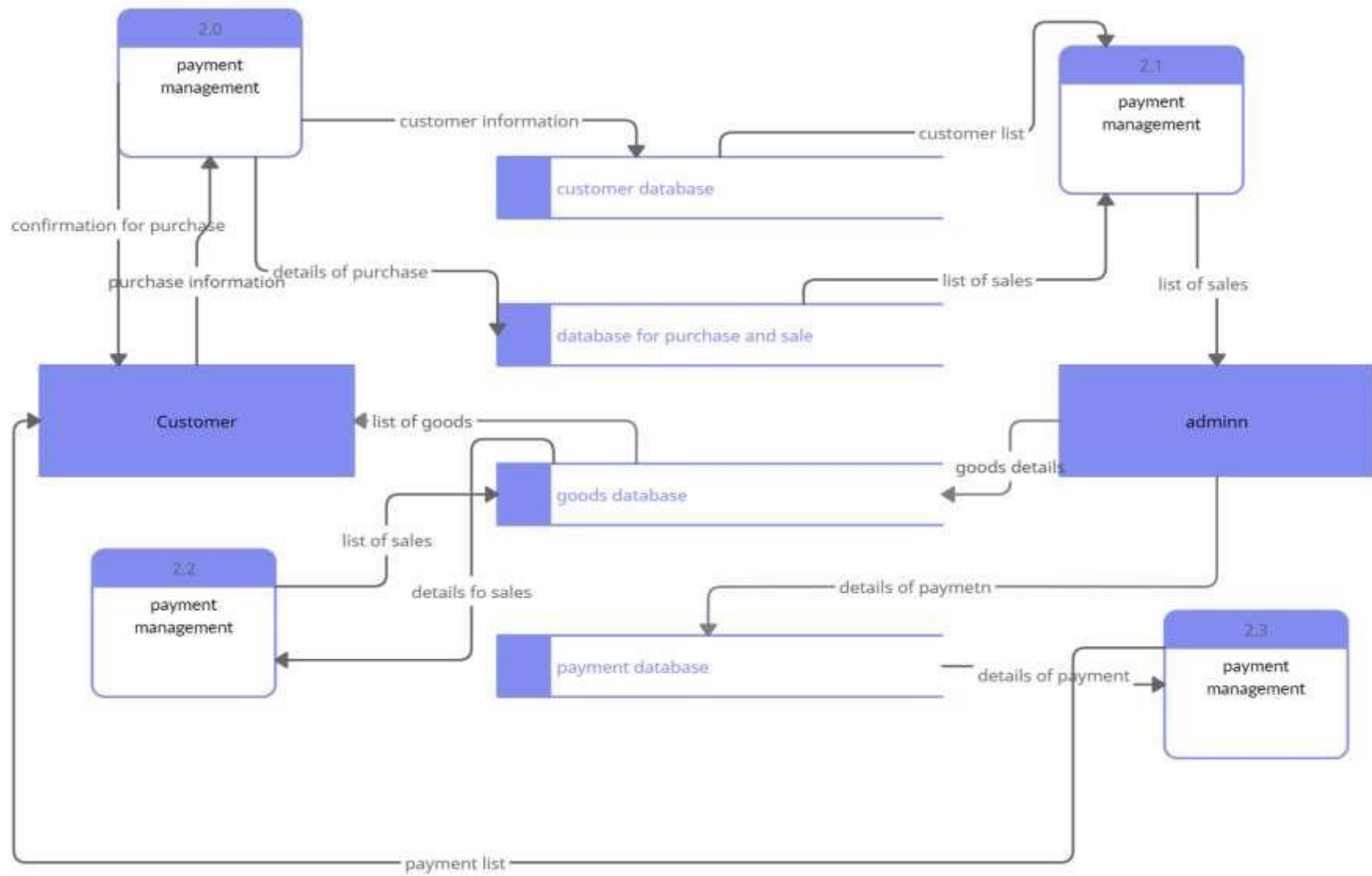
Level 0 Data Flow Diagram for inventory management system for retailers:



Level 1 Data Flow Diagram for inventory management system for retailers:



Level 2 Data Flow Diagram for inventory management system for retailers:



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-------------------------|--------------------------------|-------------------|---|---|----------|-----------|
| Customer (Mobile user) | 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 | High | Sprint-1 |
| | | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | I can receive conformation email and click confirm button | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can sign in to the application by giving my email & password | I can access my account | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, it displays the stock , current sale demand product | I can see available stock , daily sale | High | Sprint-2 |
| Customer (Web user) | Application | USN-7 | As a user, I can register, sign in, and shop the products simply | I can access account anywhere | High | Sprint-3 |
| Customer Care Executive | Update inventory details | USN- 8 | To monitor the track of inventory and availability | I can improve the productivity | High | Sprint-4 |
| Administrator | Update purchased stock | USN-9 | To update purchased goods in database | I can update the new purchased product | High | Sprint-3 |
| Customer care executive | Customer feedback verification | USN-10 | To get a clear understanding about our application and for the convenience of the user | I can fulfil the customer expectations | High | Sprint-4 |
| | Inventory control | USN-11 | To avoid stock overflow and run out | I can alert mail if stock run out | Medium | Sprint- 2 |
| administrator | Quality checking | USN-12 | To maintain the product and improving the customer relationship | I can improve my product quality | High | Sprint-4 |