System Architecture Design <Diagram & Document>

Design Database schema for an argi-product marketplace. Marketplace has below mentioned entities:
1. Shop:
    a. Shop has its user(s) and attributes like location/ operations timing
2. Product Catalogue:
    a. Platform level product catalogue with products attributes (take ref from amazon)
3. Product Inventory
    a. Every shop should be able to maintain its inventory
4. Product Serviceability
    a. How will you identify to display only serviceable products to the farmer

Algorithm <Functioning Code>
    ● Design a Community Finder system where entities (users) should be able to find a list of entities (users) within geographical proximity. Beside Geographical proximity an array of user attribute can be used for filtering neighbours

Submit:
    ● DB Schema for: Marketplace Use cases
    ● Working APIs with code for:
        o To get product list with product attributes
        o Search by a product
        o Search nearby shop
        o Serviceable product
        o Fetch & filter nearest neighbour

Note:
Backend should be implemented in Golang || GRPC || Mongo DB
(Framework: go-boot-api - https://github.com/SaiNageswarS/go-api-boot