Medical Test at Home: GET CHECKED

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- One place to buy any kind of medical test kit
- Facilitate online and offline purchases
- Standardized testing with doctor’s supervision
- Consulting doctors for suggestions

ECOSYSTEM

Problem Statement

- People are busy with work to wait at the hospitals for simple tests
- Covid-19 pandemic makes it harder for people to go out
- One application that solves this problem by delivering test kits home
- Making the world a better place with healthier people

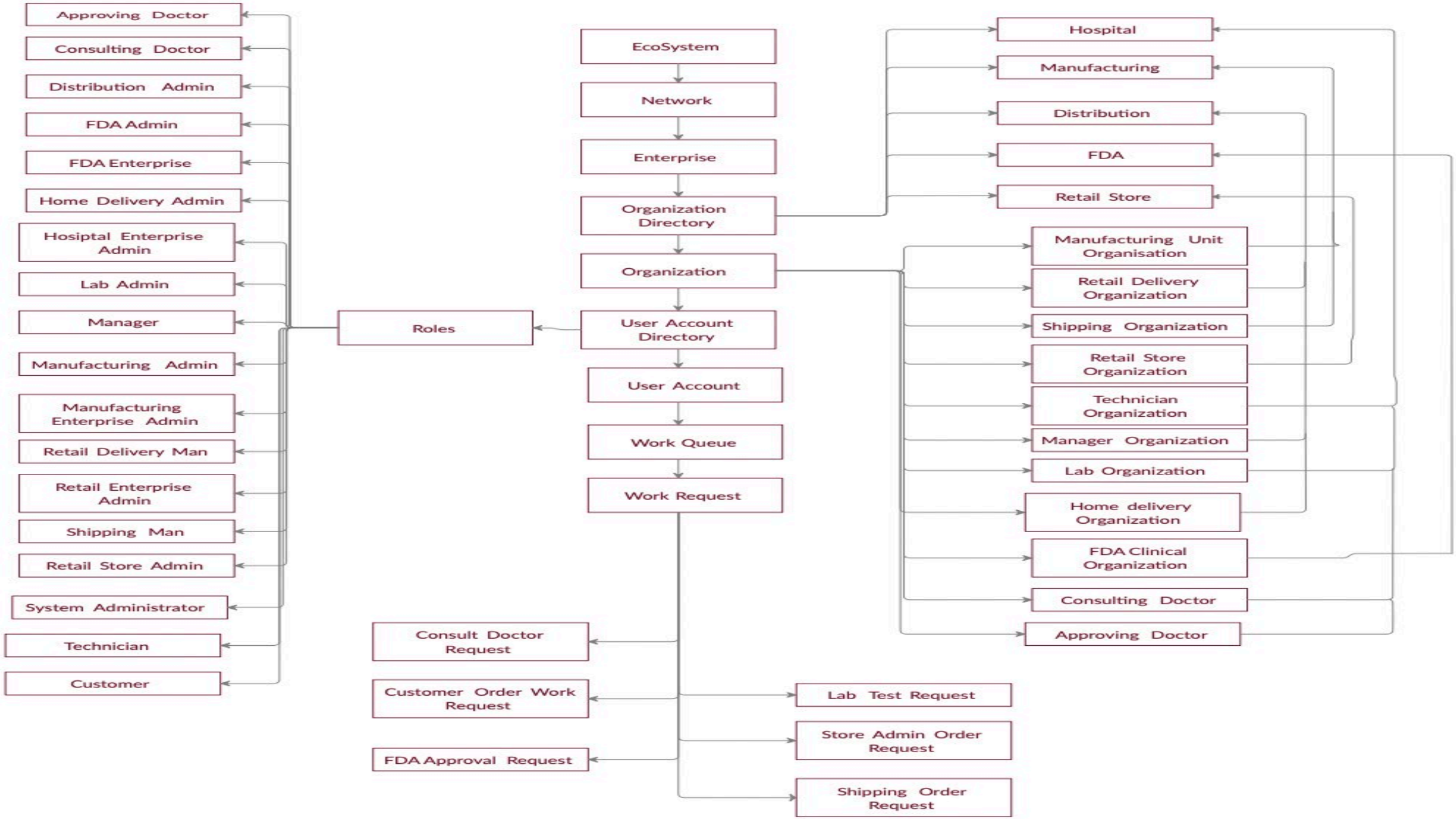
Solution

Application for the customer to order test kits online

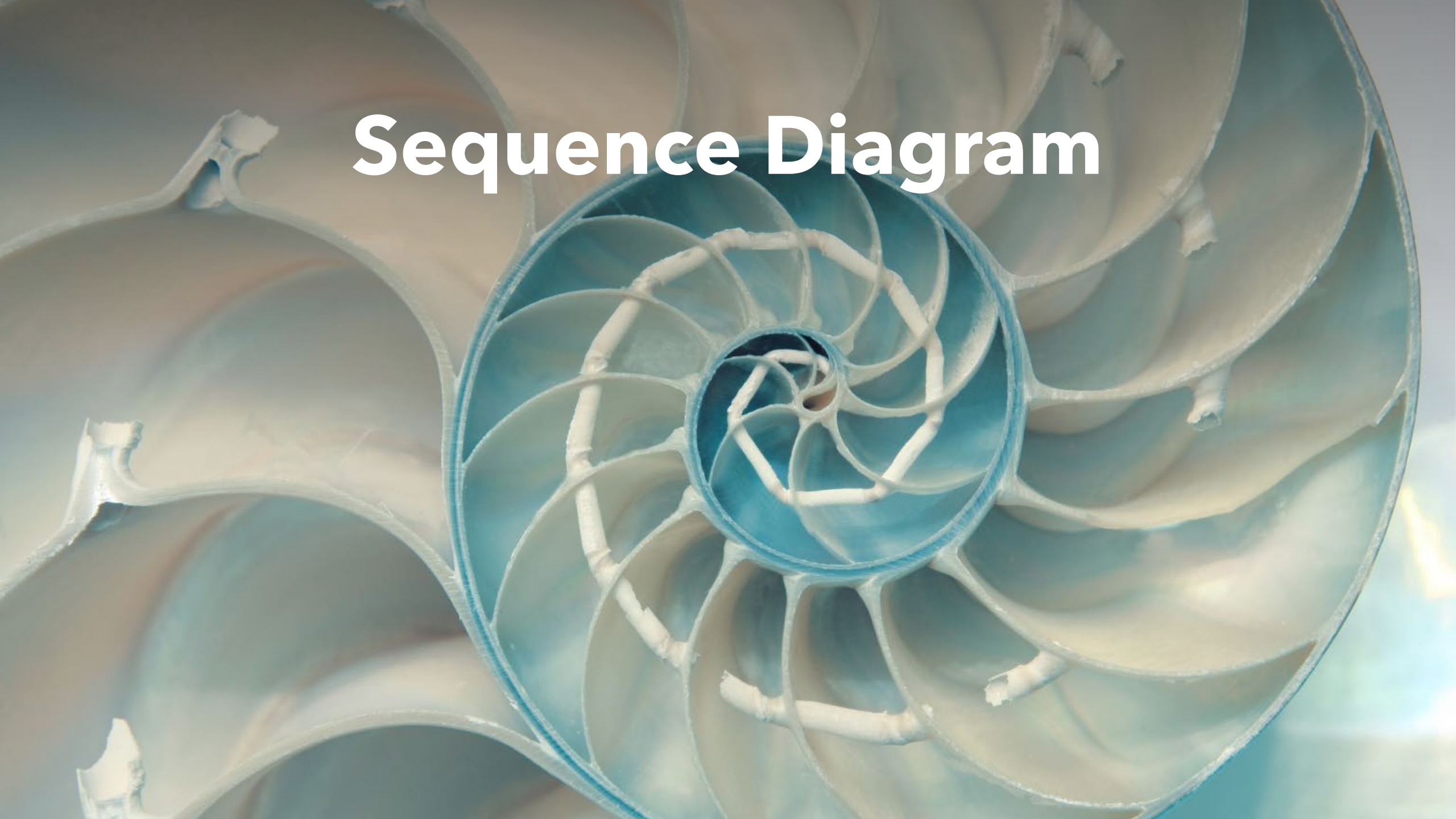
Delivered quickly to home

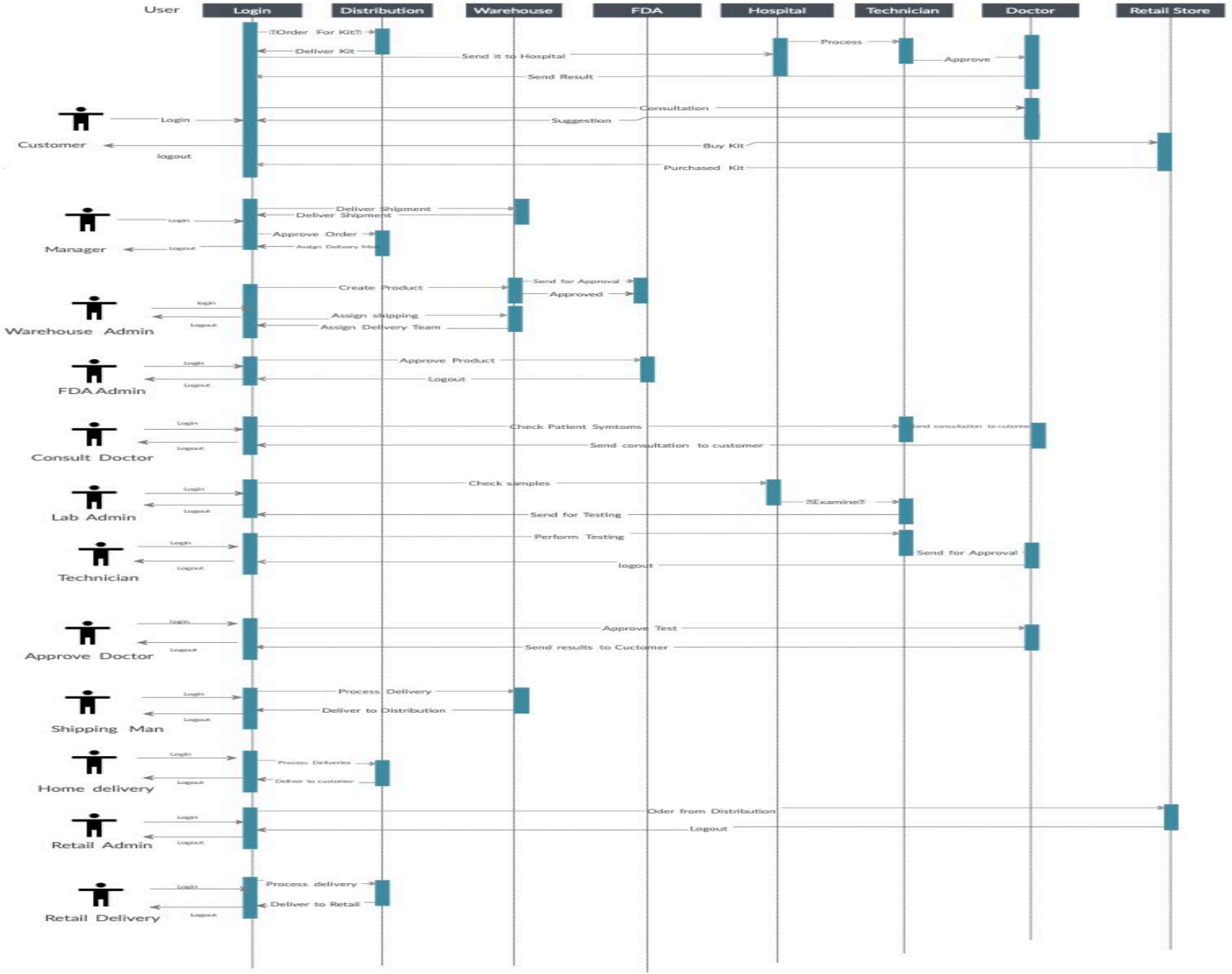
Or the customer can buy it at a nearby store and mail it

Object Model Diagram


Approving Doctor
Consulting Doctor
Distribution Admin
FDA Admin
FDA Enterprise
Home Delivery Admin
Hosiptal Enterprise Admin
Lab Admin
Manager
Manufacturing Admin
Manufacturing Enterprise Admin
Retail Delivery Man
Retail Enterprise Admin
Shipping Man
Retail Store Admin
System Administrator
Technician
Customer
Roles
EcoSystem
Network
Enterprise
Organization Directory
Organization
User Account Directory
User Account
Work Queue
Work Request
Hospital
Manufacturing
Distribution
FDA
Retail Store
Manufacturing Unit Organisation
Retail Delivery Organization
Shipping Organization
Retail Store Organization
Technician Organization
Manager Organization
Lab Organization
Home delivery Organization
FDA Clinical Organization
Consulting Doctor
Approving Doctor
Consult Doctor Request
Customer Order Work Request
FDA Approval Request
Lab Test Request
Store Admin Order Request
Shipping Order Request

Sequence Diagram




User
Login
Distribution
Warehouse
FDA
Hospital
Technician
Doctor
Retail Store
Order For Kit
Deliver Kit
Send it to Hospital
Process
Approve
Send Result
Consultation
Login
Suggestion
Customer
logout
Buy Kit
Purchased Kit
Deliver Shipment
Deliver Shipment
Login
Approve Order
Manager
Logout
Create Product
Send for Approval
Approved
login
Assign shipping
Warehouse Admin
Logout
Assign Delivery Team
Approve Product
Login
Logout
FDA Admin
Check Patient Symtoms
Login
Send consultation to customer
Consult Doctor
Logout
Check samples
Examine
Login
Lab Admin
Logout
Send for Testing
Perform Testing
Login
Send for Approval
Technician
logout
Approve Test
Login
Send results to Cuctomer
Approve Doctor
Logout
Process Delivery
Login
Deliver to Distribution
Shipping Man
Logout
Process Deliveries
Login
Home delivery
Deliver to customer
Logout
Oder from Distribution
Login
Logout
Retail Admin
Process delivery
Login
Deliver to Retail
Retail Delivery
Logout

Conclusion

- Application encourages people to get tested often
- Anonymity is maintained between the customer and the doctor. This helps many people who do not want others to know about their condition
- We can expand and keep adding more enterprises as we move on and the application facilitates all of it

Thank You