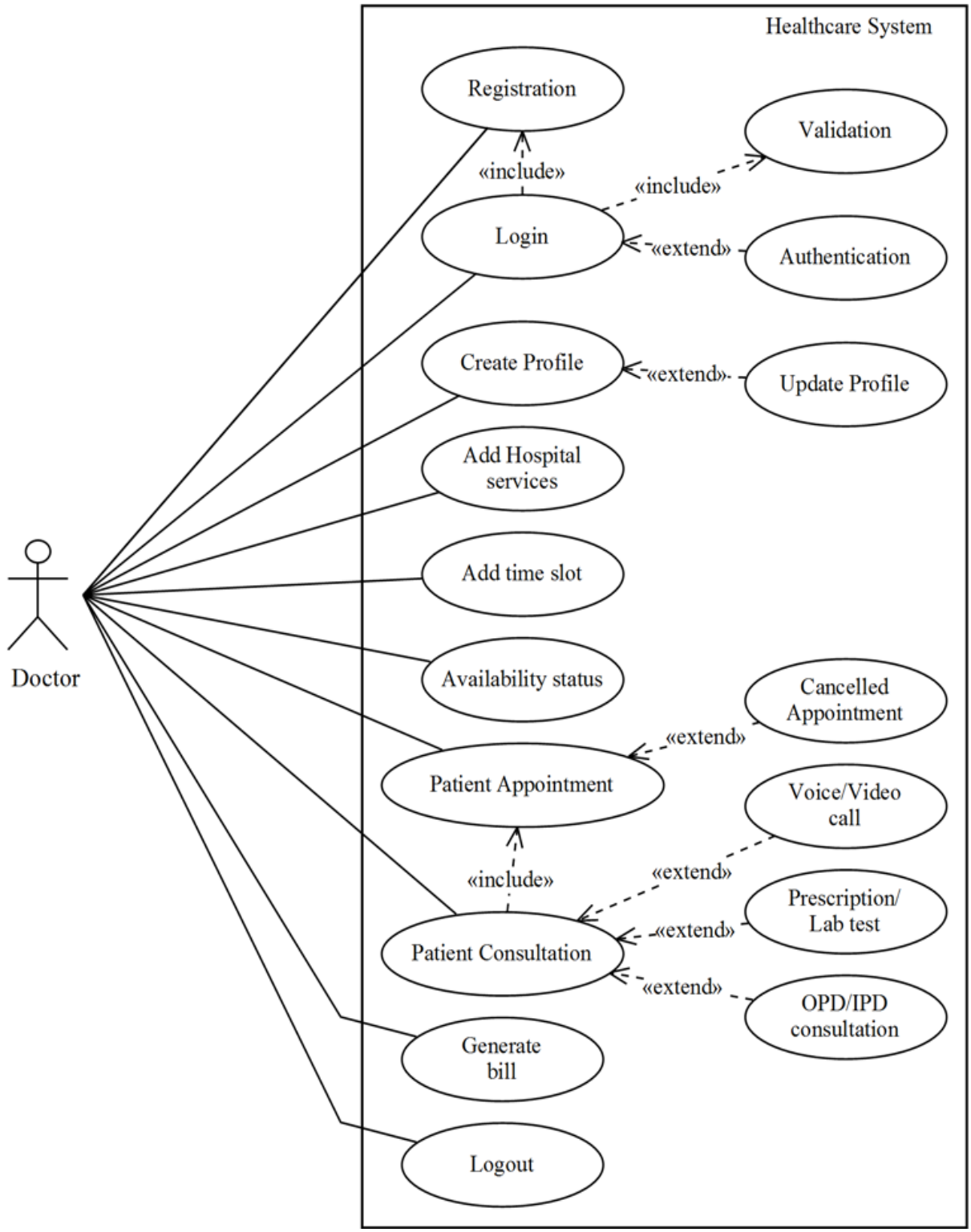
4.1 Use Case Diagram :-

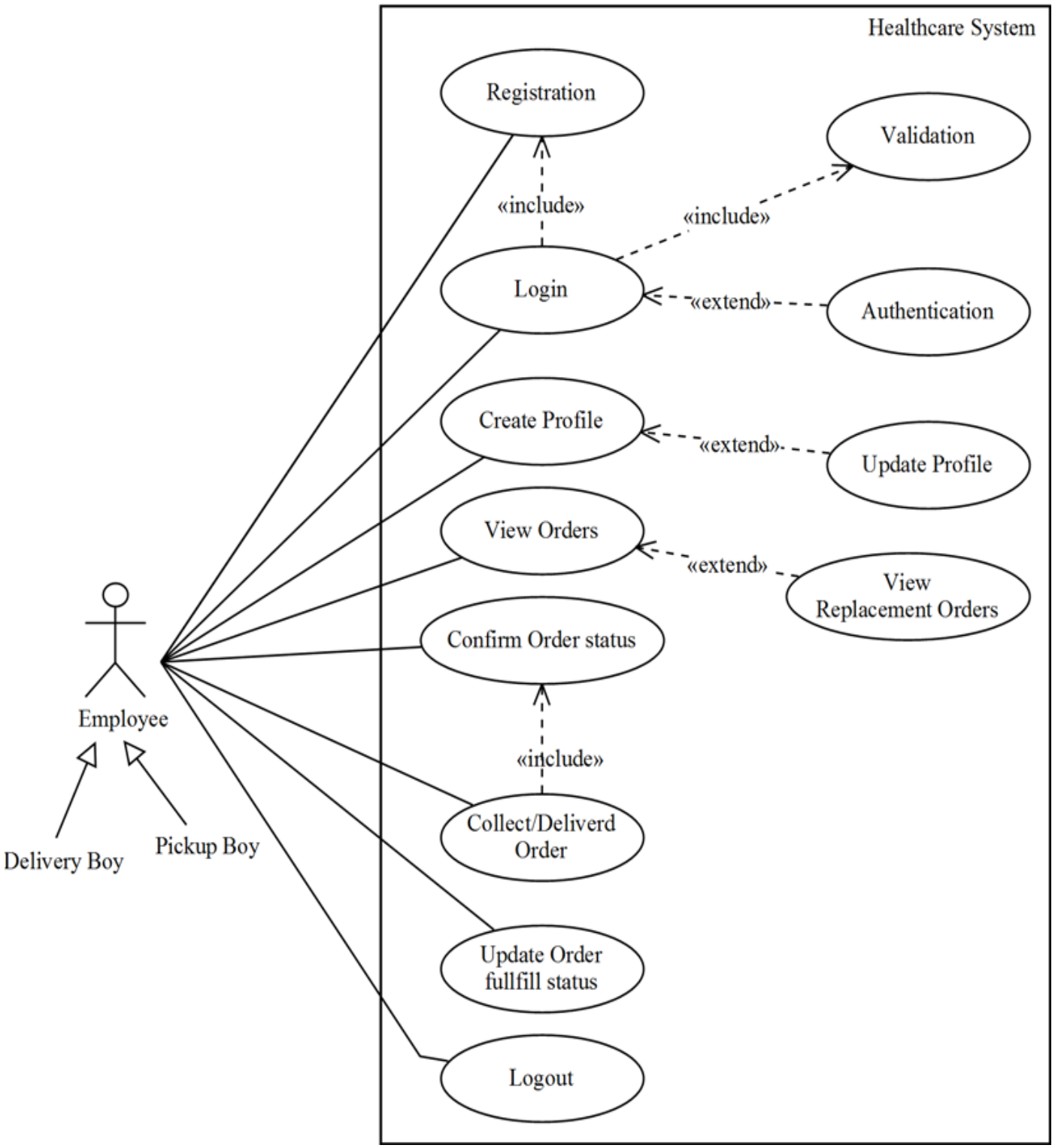
1. Doctor Use Case



2. Pharmacist Use Case

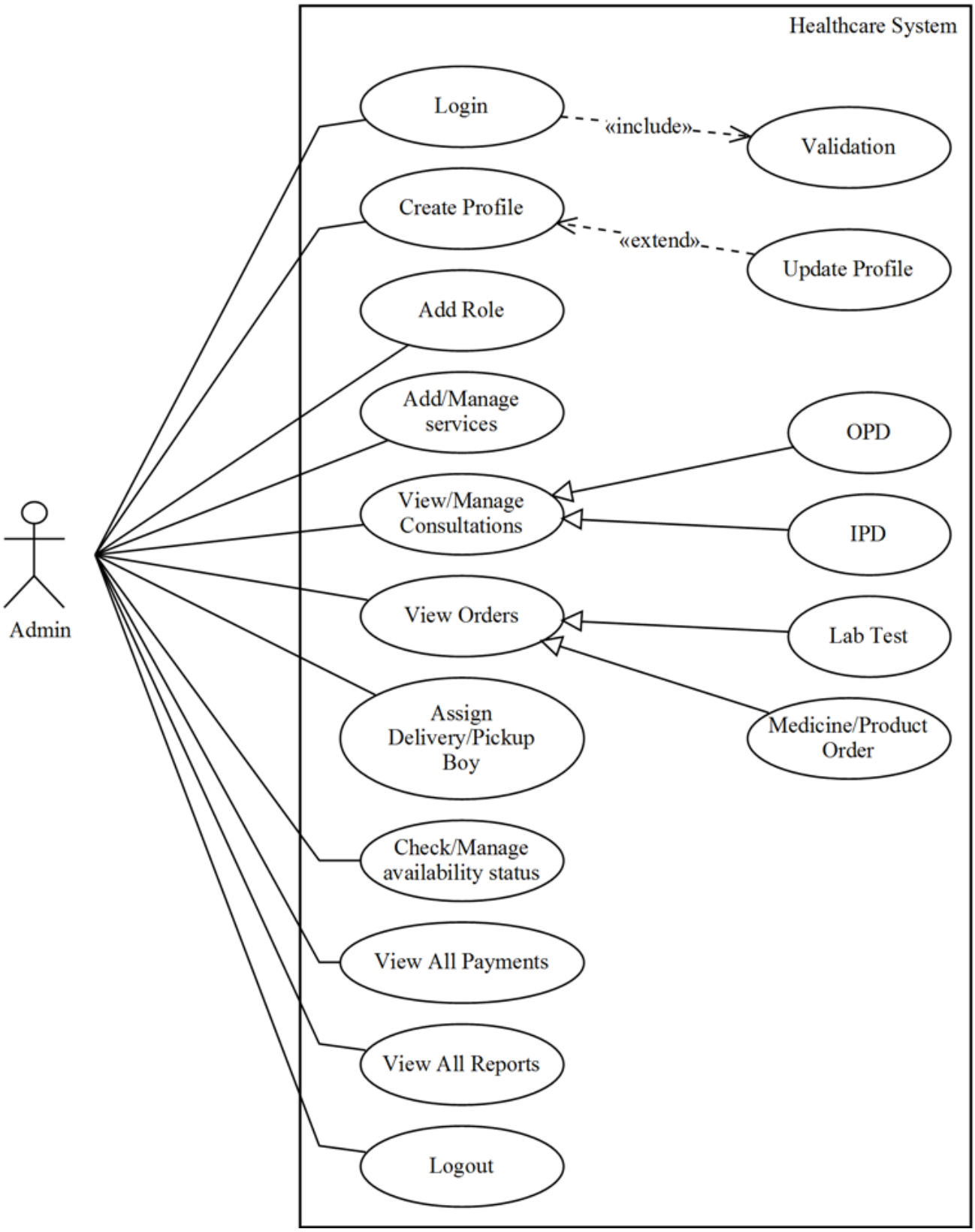
3. Laboratorian Use Case

4. Delivery / Pickup boy Use Case



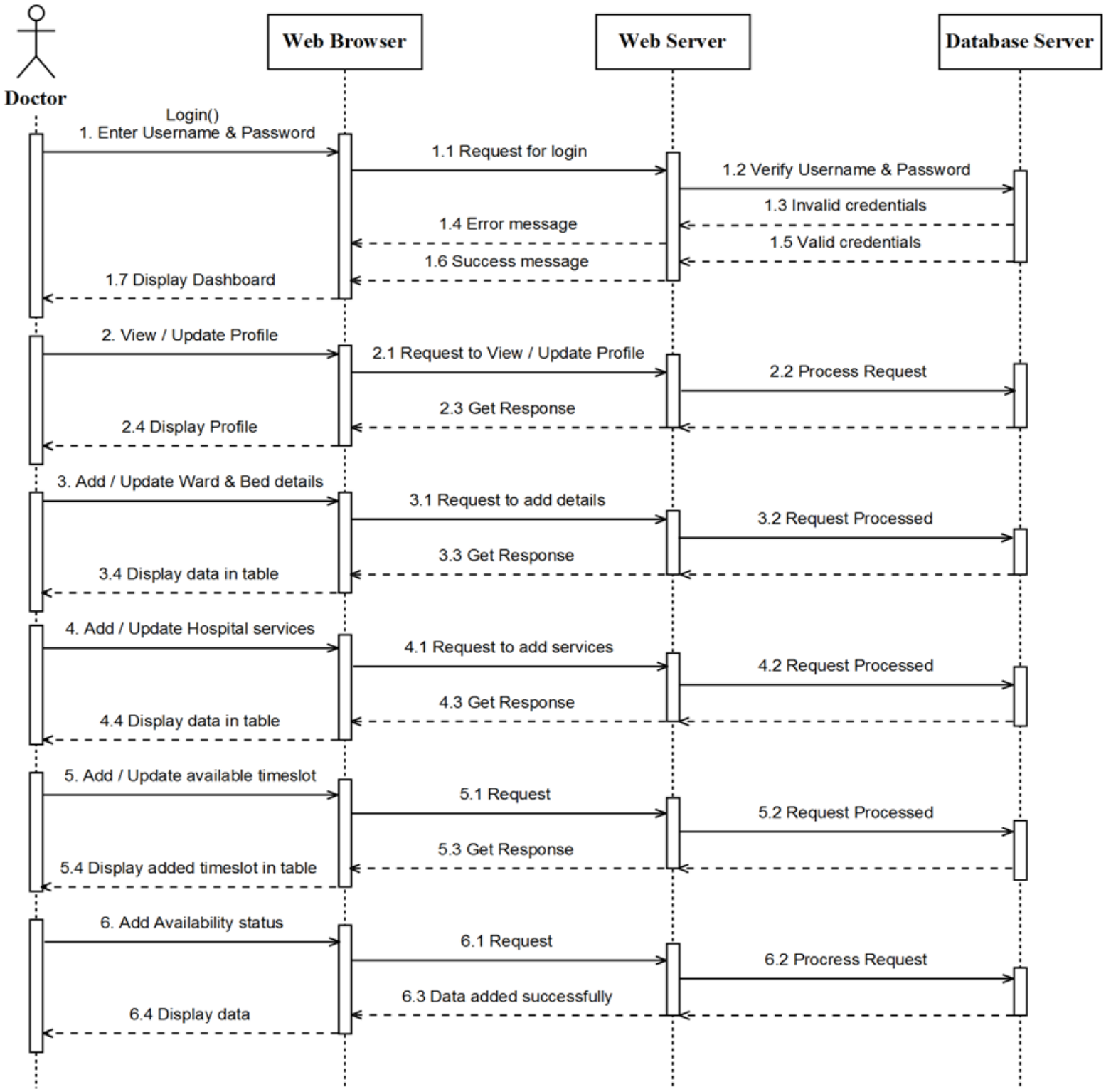
5. Manager Use Case

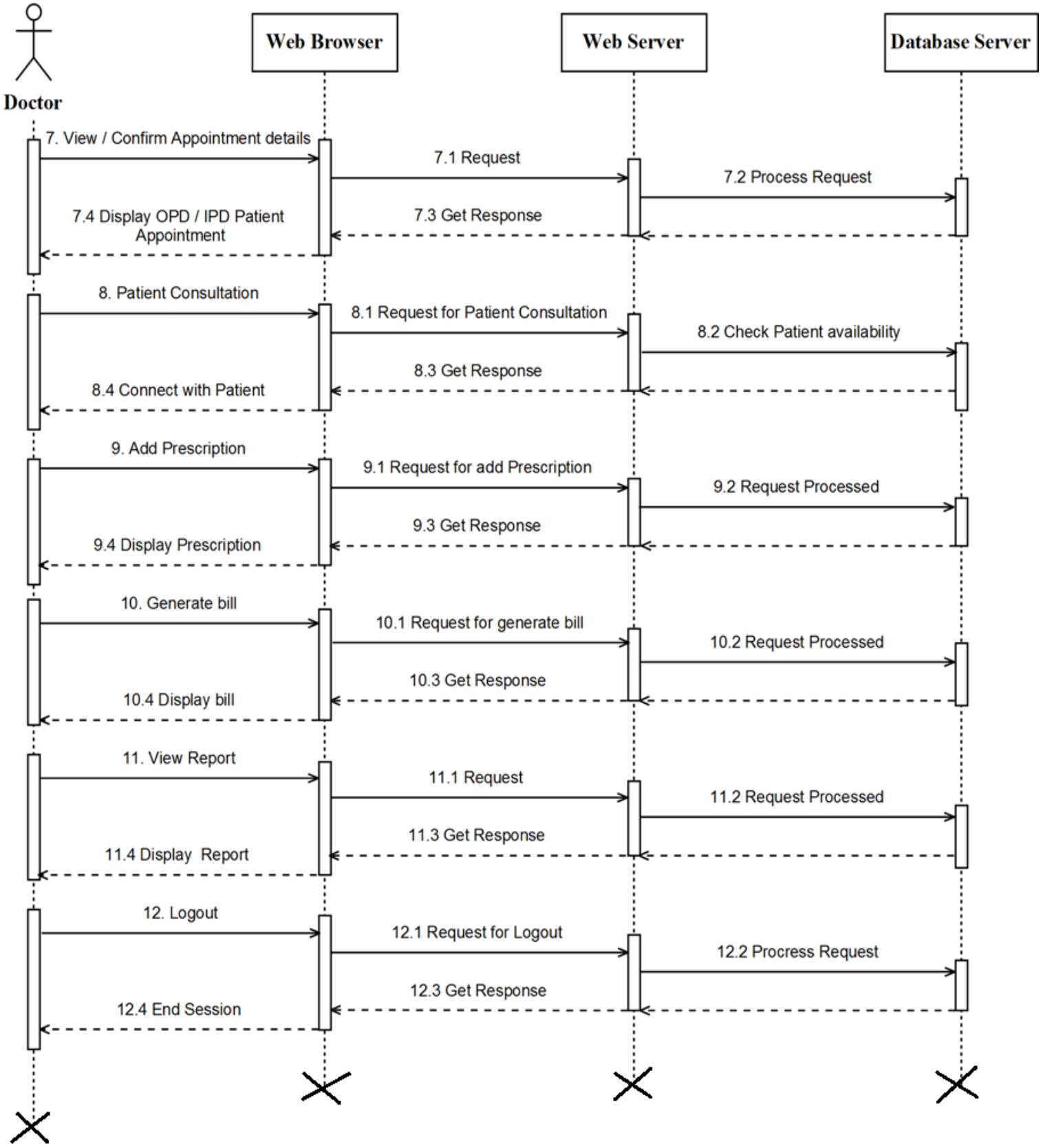
6. Admin Use Case



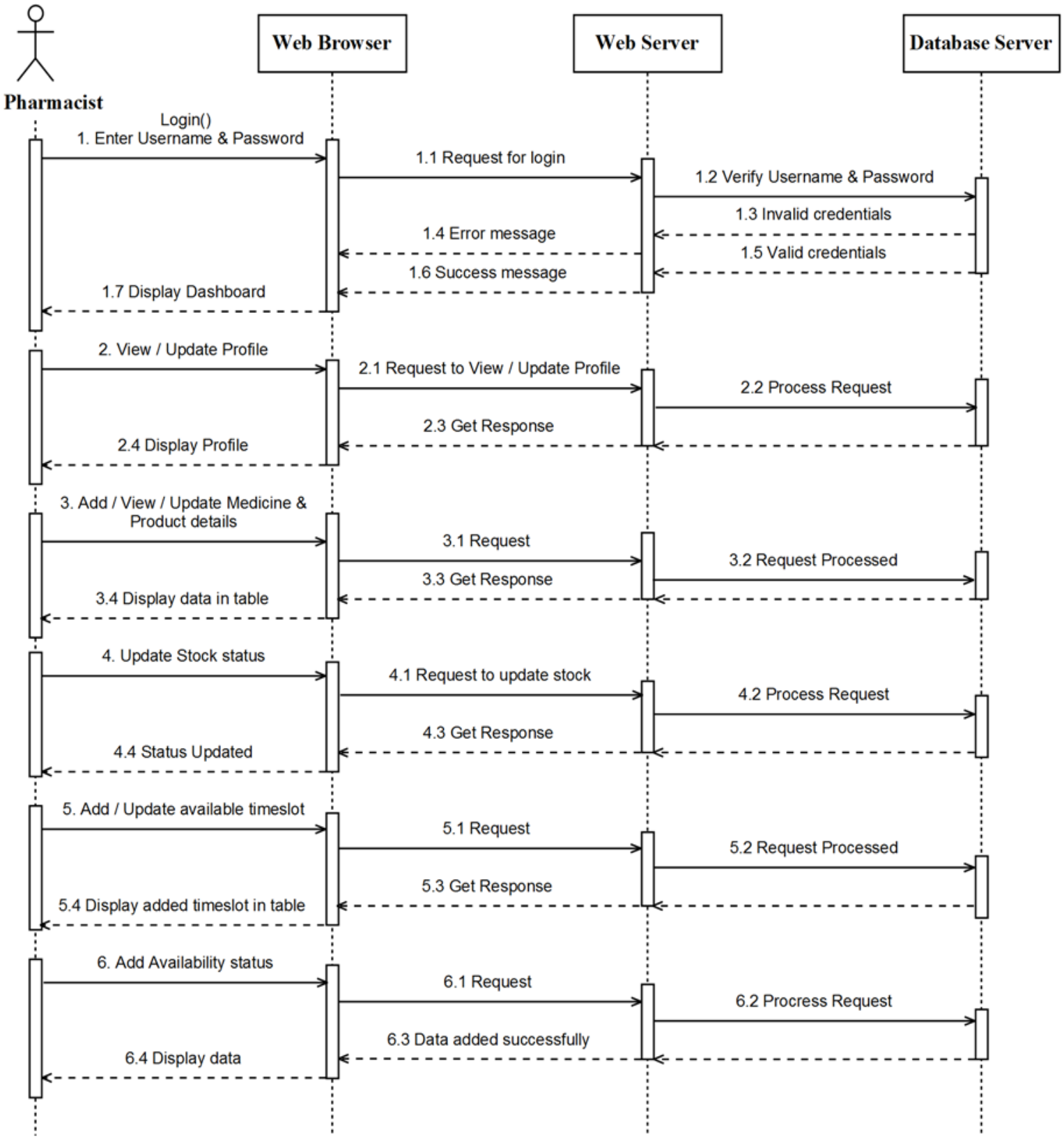
4.2 Sequence Diagram :-

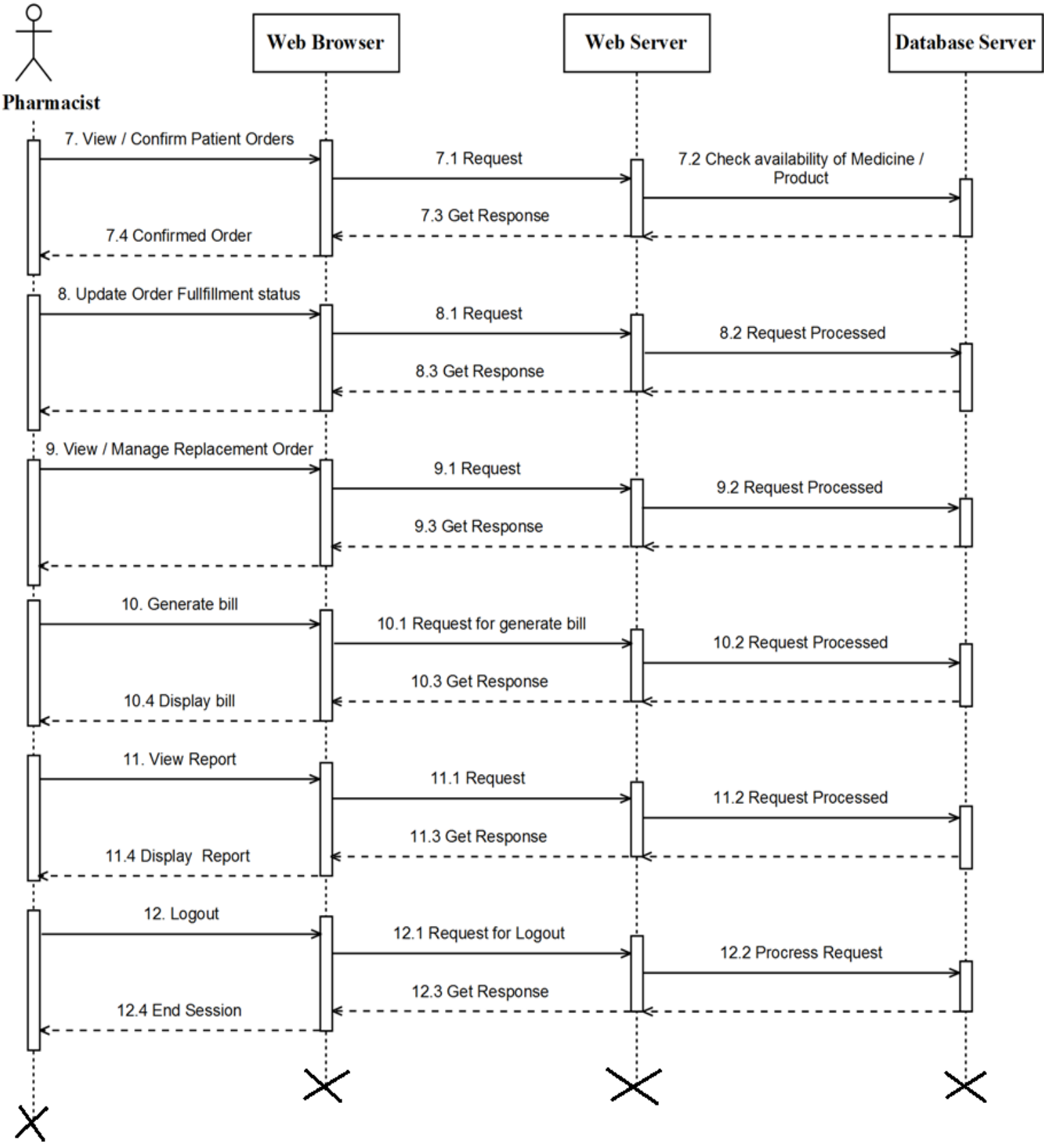
1. Doctor Sequence Diagram



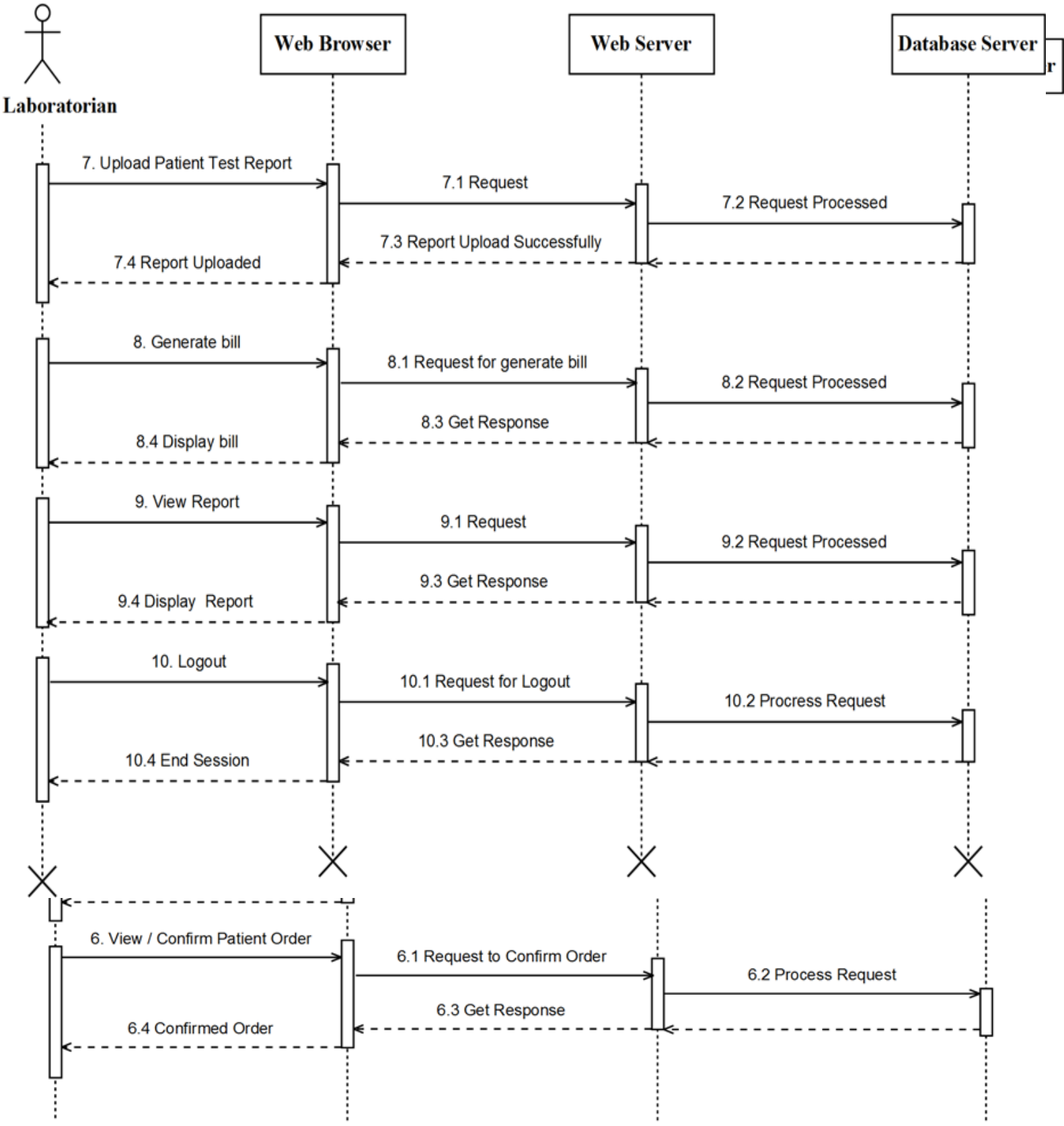

Doctor
Web Browser
Web Server
Database Server
7. View / Confirm Appointment details
7.1 Request
7.2 Process Request
7.3 Get Response
7.4 Display OPD / IPD Patient Appointment
8. Patient Consultation
8.1 Request for Patient Consultation
8.2 Check Patient availability
8.3 Get Response
8.4 Connect with Patient
9. Add Prescription
9.1 Request for add Prescription
9.2 Request Processed
9.3 Get Response
9.4 Display Prescription
10. Generate bill
10.1 Request for generate bill
10.2 Request Processed
10.3 Get Response
10.4 Display bill
11. View Report
11.1 Request
11.2 Request Processed
11.3 Get Response
11.4 Display Report
12. Logout
12.1 Request for Logout
12.2 Procress Request
12.3 Get Response
12.4 End Session

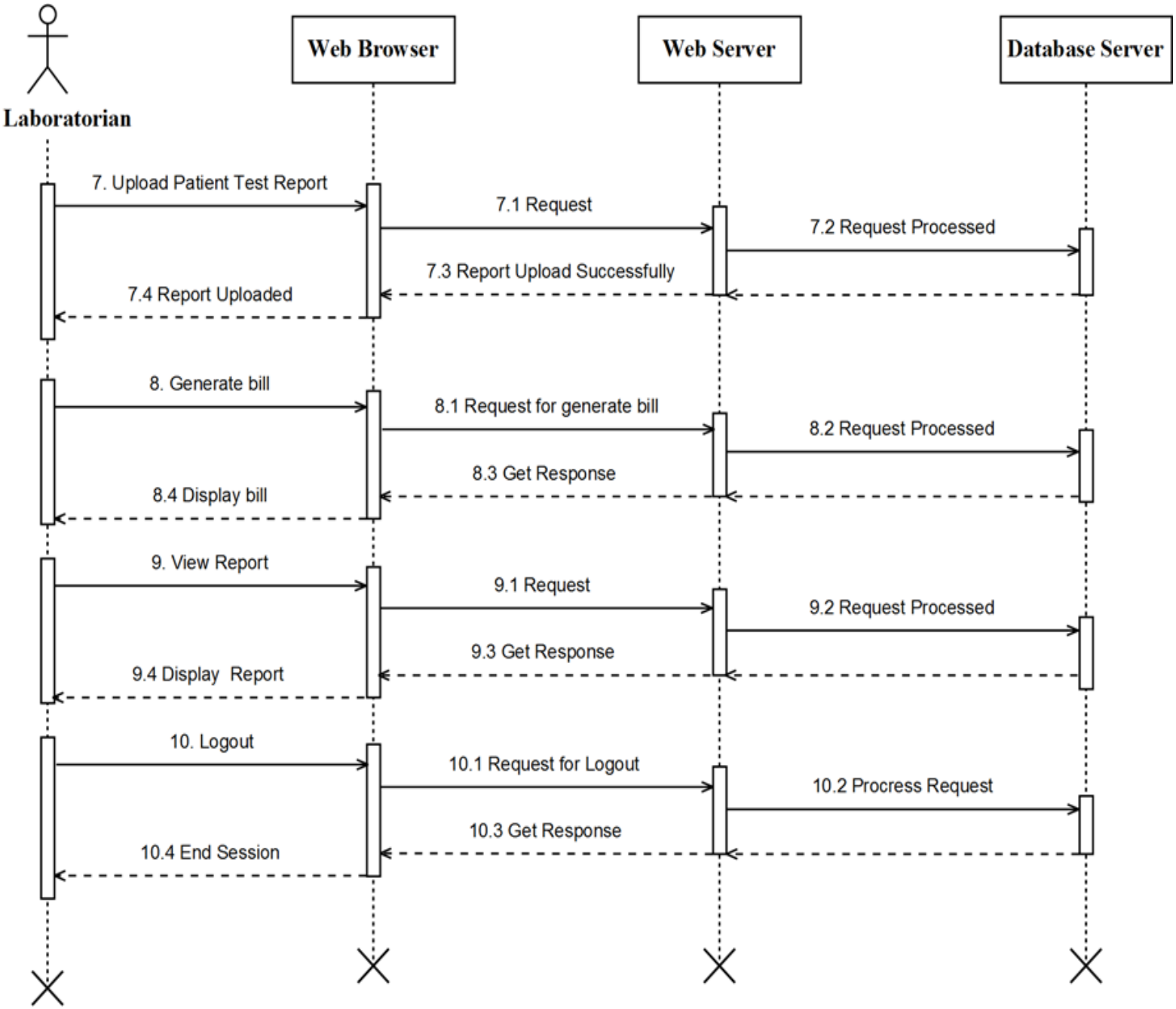
2. Pharmacist Sequence Diagram



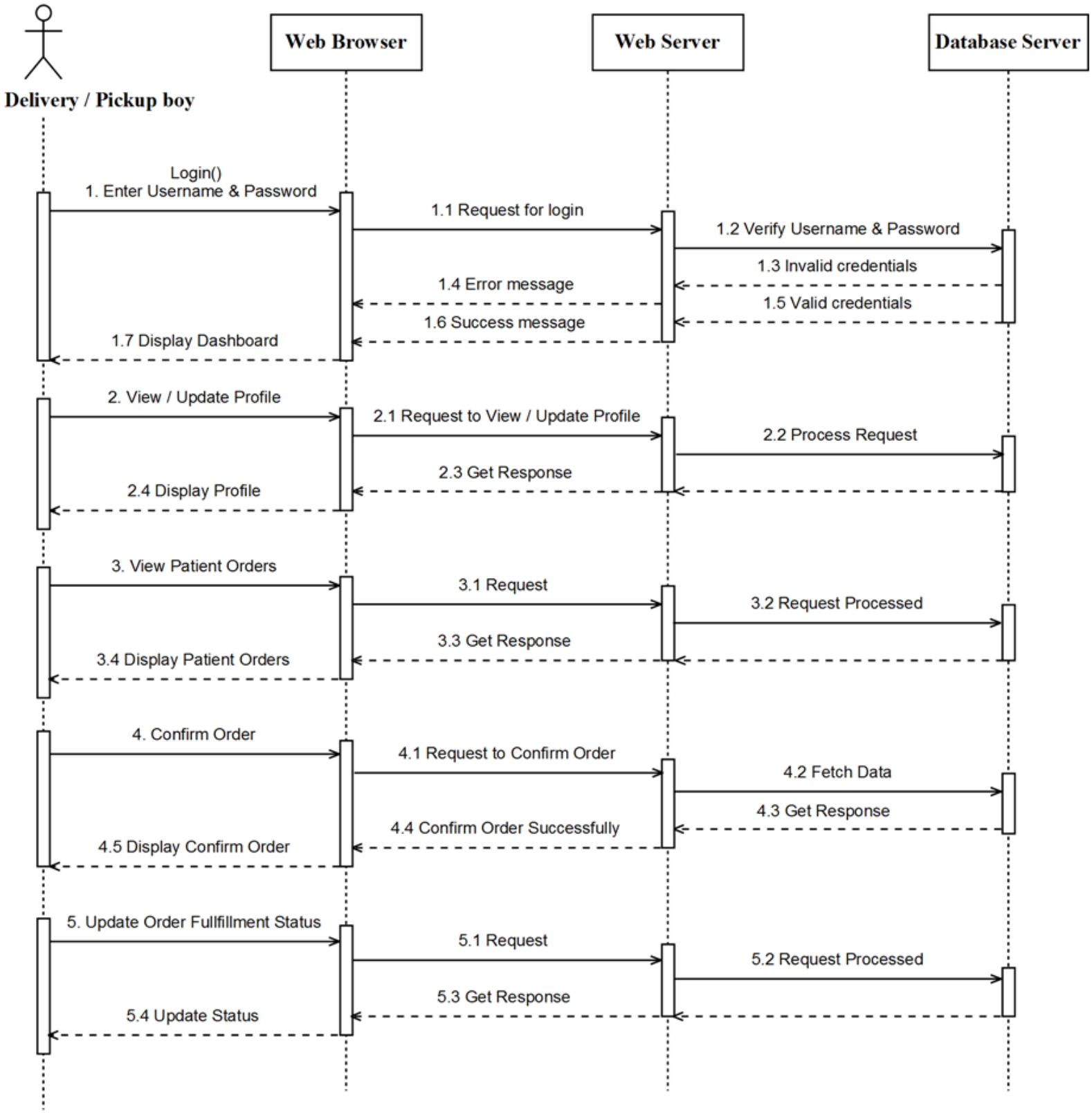

Pharmacist
Web Browser
Web Server
Database Server
7. View / Confirm Patient Orders
7.1 Request
7.2 Check availability of Medicine / Product
7.3 Get Response
7.4 Confirmed Order
8. Update Order Fullfillment status
8.1 Request
8.2 Request Processed
8.3 Get Response
9. View / Manage Replacement Order
9.1 Request
9.2 Request Processed
9.3 Get Response
10. Generate bill
10.1 Request for generate bill
10.2 Request Processed
10.3 Get Response
10.4 Display bill
11. View Report
11.1 Request
11.2 Request Processed
11.3 Get Response
11.4 Display Report
12. Logout
12.1 Request for Logout
12.2 Procress Request
12.3 Get Response
12.4 End Session

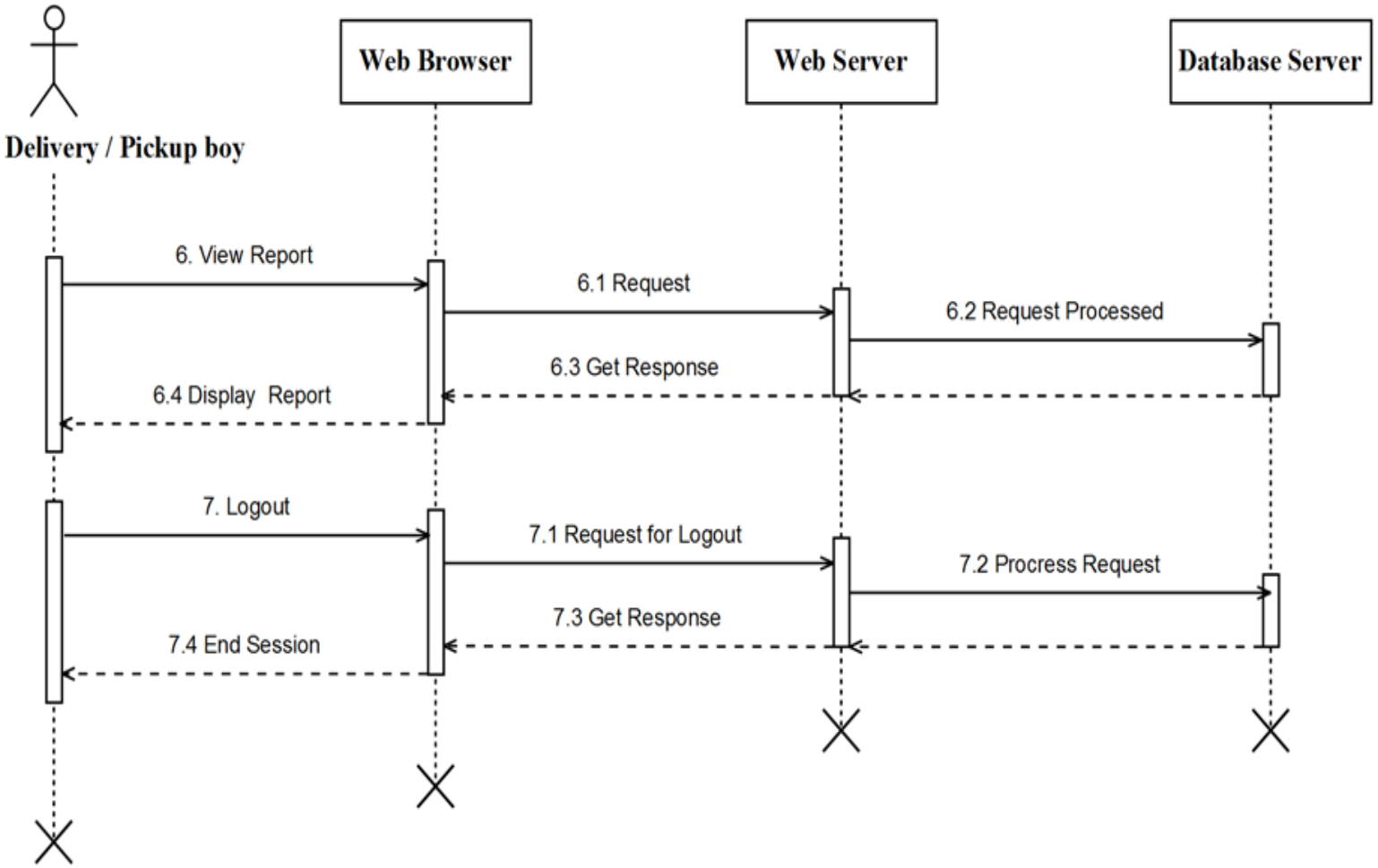
3. Laboratorian Sequence Diagram



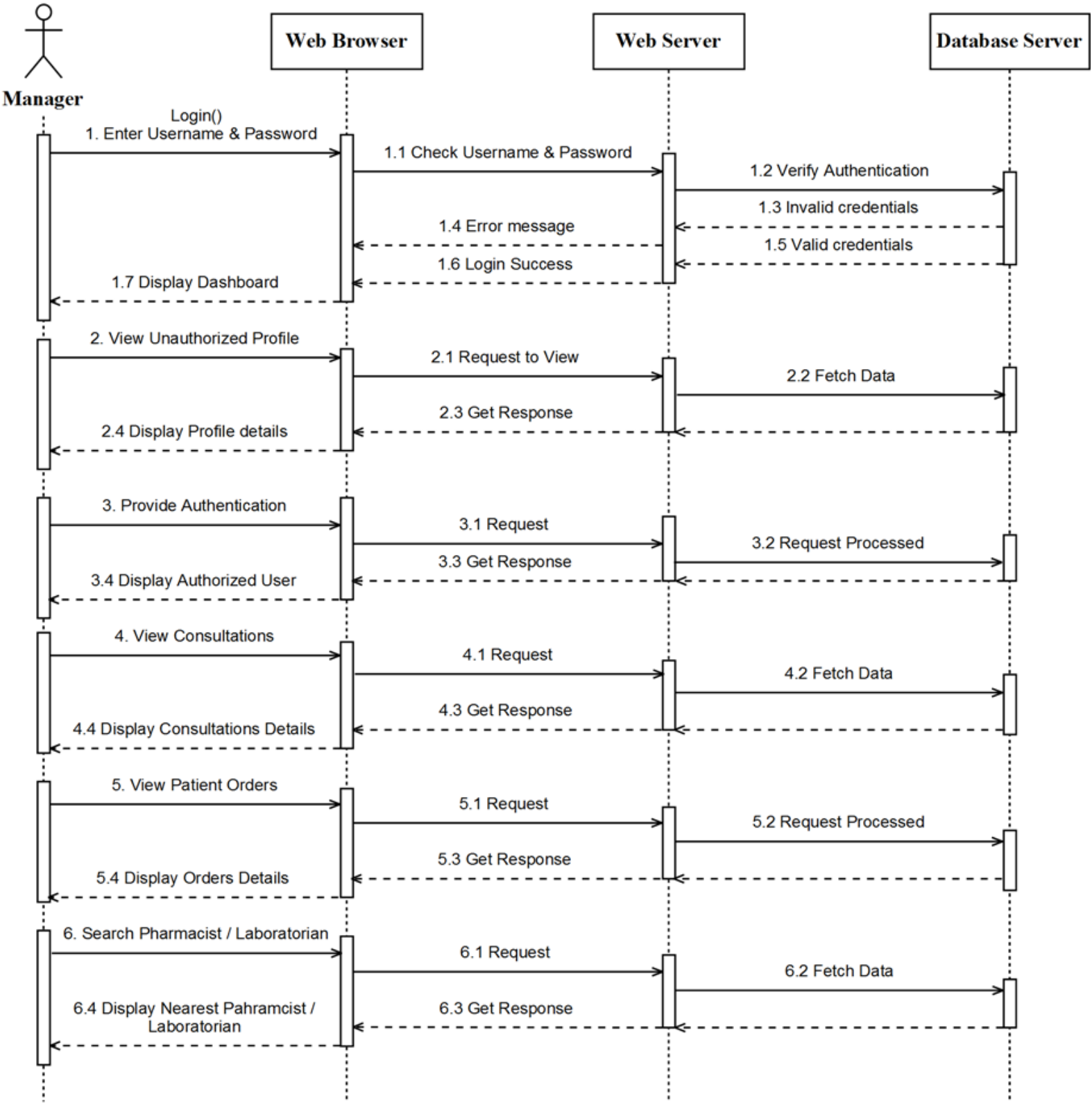

Laboratorian
Web Browser
Web Server
Database Server
7. Upload Patient Test Report
7.1 Request
7.2 Request Processed
7.3 Report Upload Successfully
7.4 Report Uploaded
8. Generate bill
8.1 Request for generate bill
8.2 Request Processed
8.3 Get Response
8.4 Display bill
9. View Report
9.1 Request
9.2 Request Processed
9.3 Get Response
9.4 Display Report
10. Logout
10.1 Request for Logout
10.2 Procress Request
10.3 Get Response
10.4 End Session

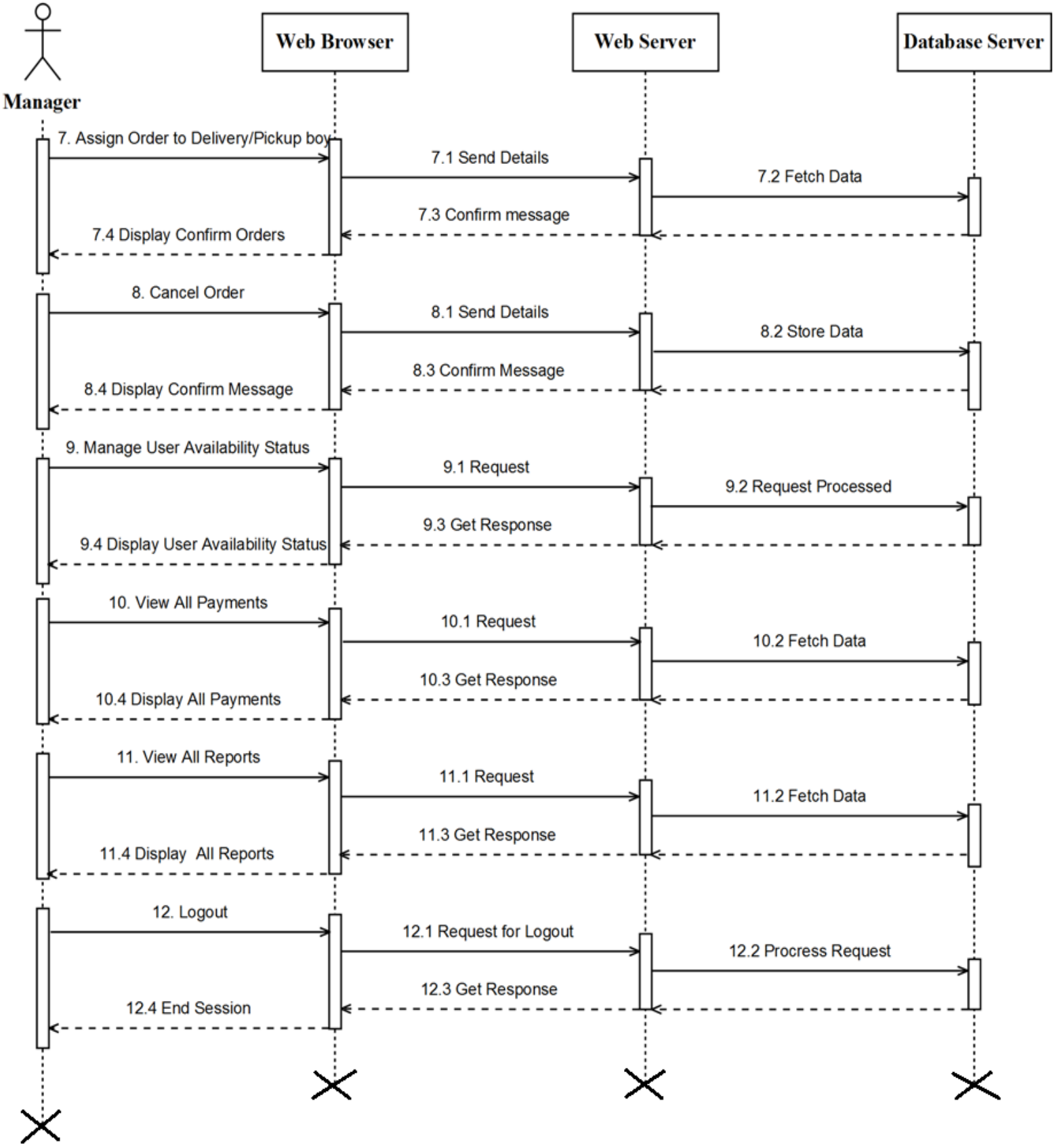
4. Delivery / Pickup boy Sequence Diagram



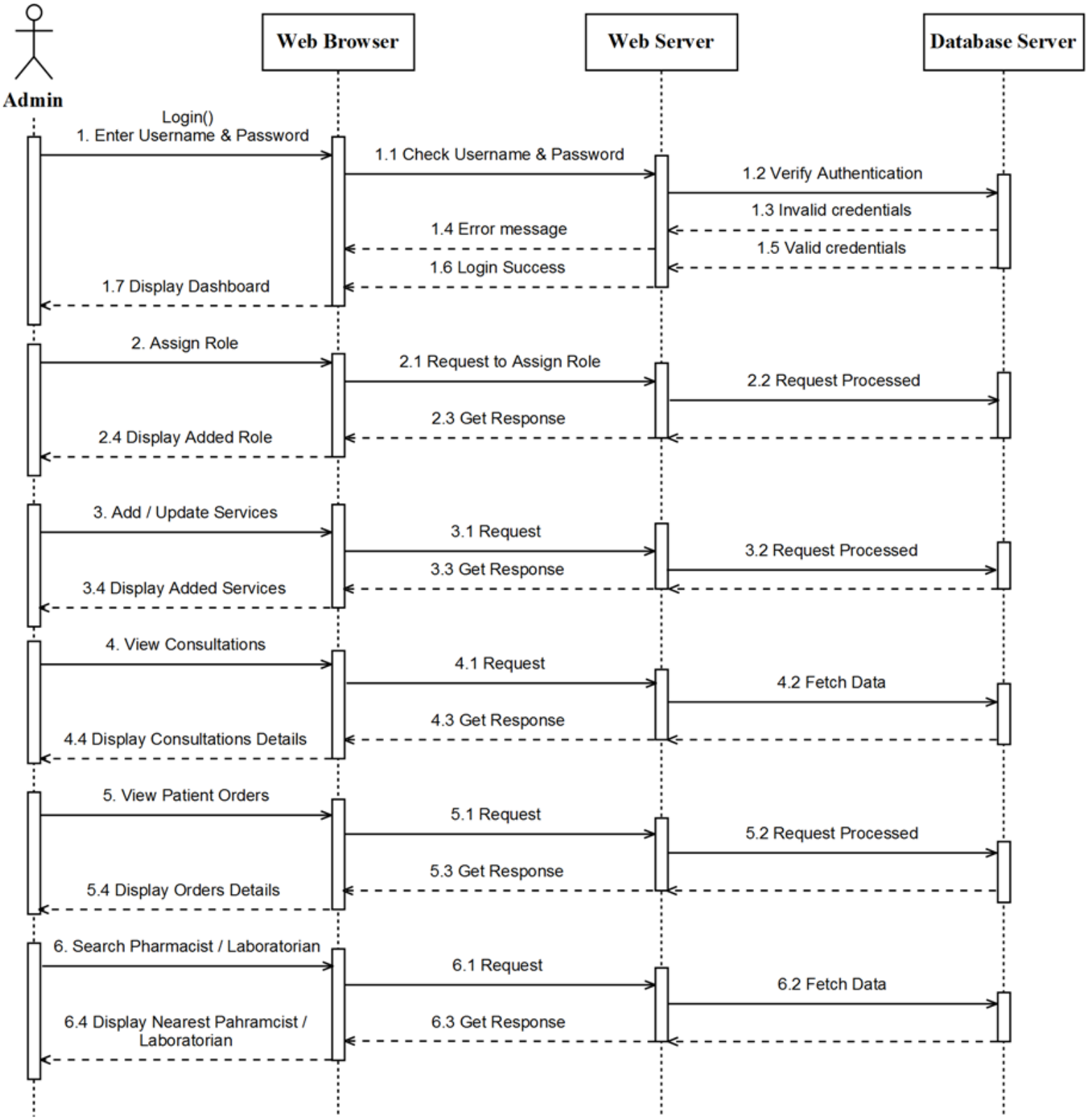

Delivery / Pickup boy
Web Browser
Web Server
Database Server
6. View Report
6.1 Request
6.2 Request Processed
6.3 Get Response
6.4 Display Report
7. Logout
7.1 Request for Logout
7.2 Procress Request
7.3 Get Response
7.4 End Session

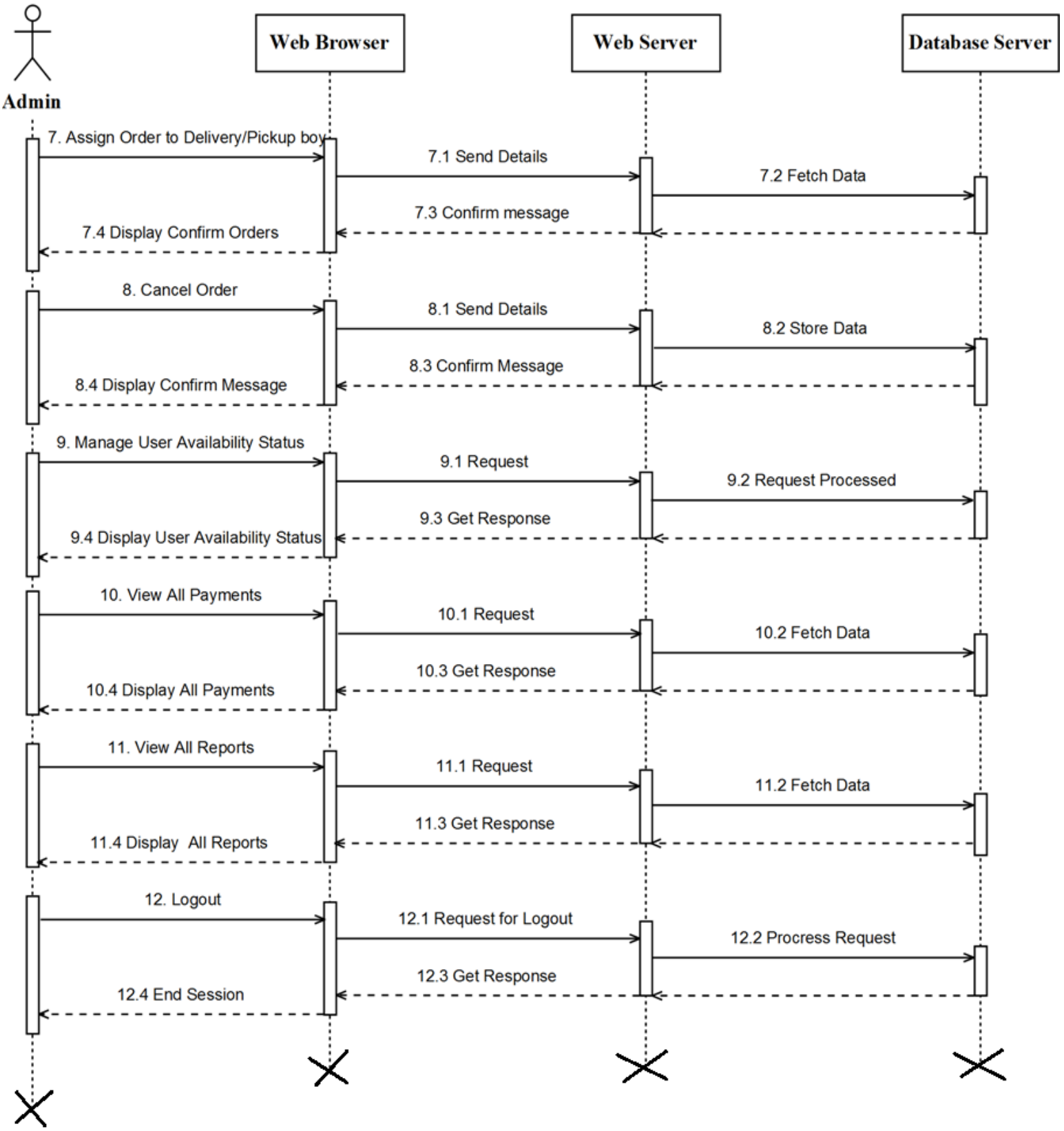
5. Manager Sequence Diagram




Manager
Web Browser
Web Server
Database Server
7. Assign Order to Delivery/Pickup boy
7.1 Send Details
7.2 Fetch Data
7.3 Confirm message
7.4 Display Confirm Orders
8. Cancel Order
8.1 Send Details
8.2 Store Data
8.3 Confirm Message
8.4 Display Confirm Message
9. Manage User Availability Status
9.1 Request
9.2 Request Processed
9.3 Get Response
9.4 Display User Availability Status
10. View All Payments
10.1 Request
10.2 Fetch Data
10.3 Get Response
10.4 Display All Payments
11. View All Reports
11.1 Request
11.2 Fetch Data
11.3 Get Response
11.4 Display All Reports
12. Logout
12.1 Request for Logout
12.2 Procress Request
12.3 Get Response
12.4 End Session

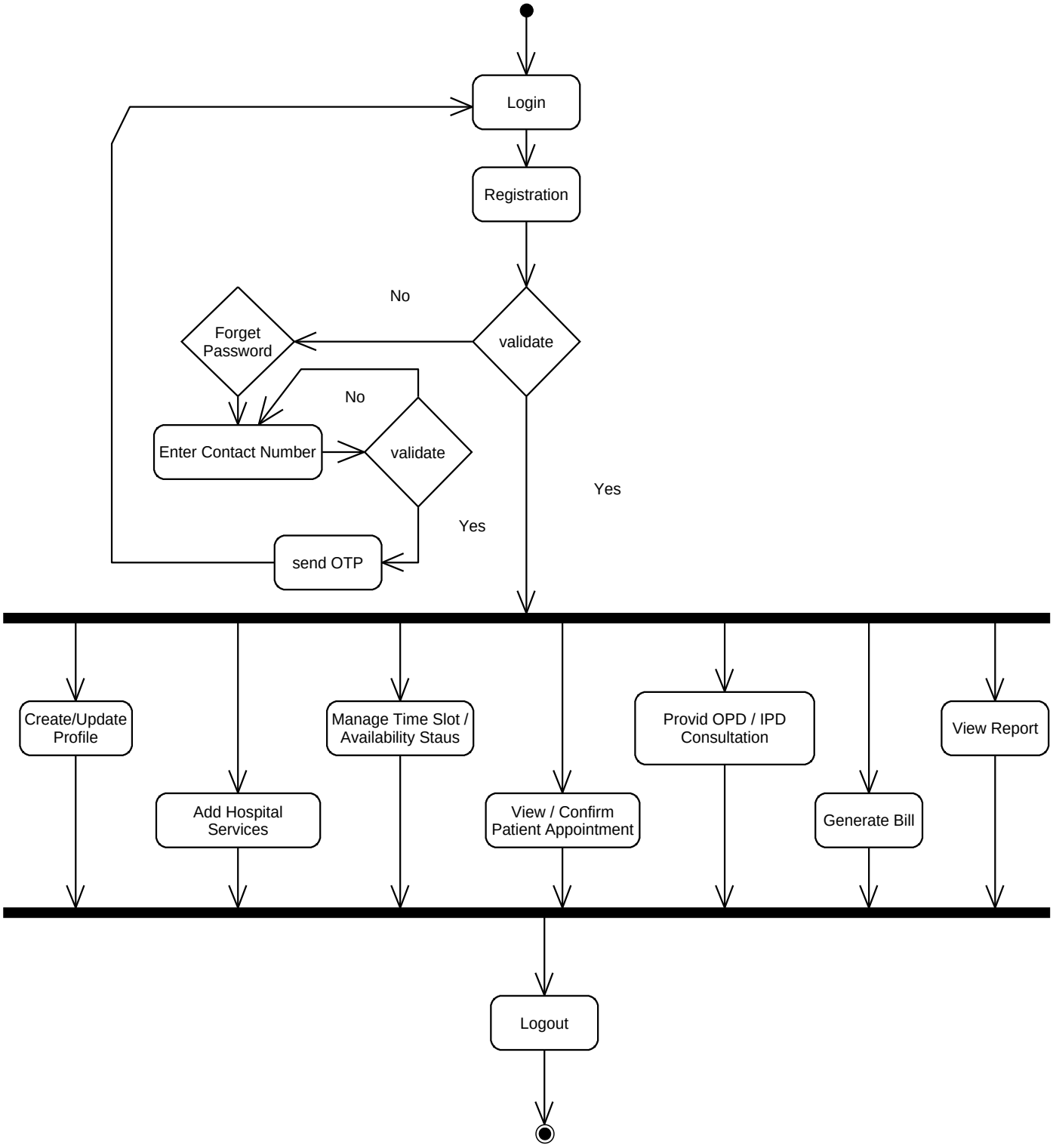
6. Admin Sequence Diagram



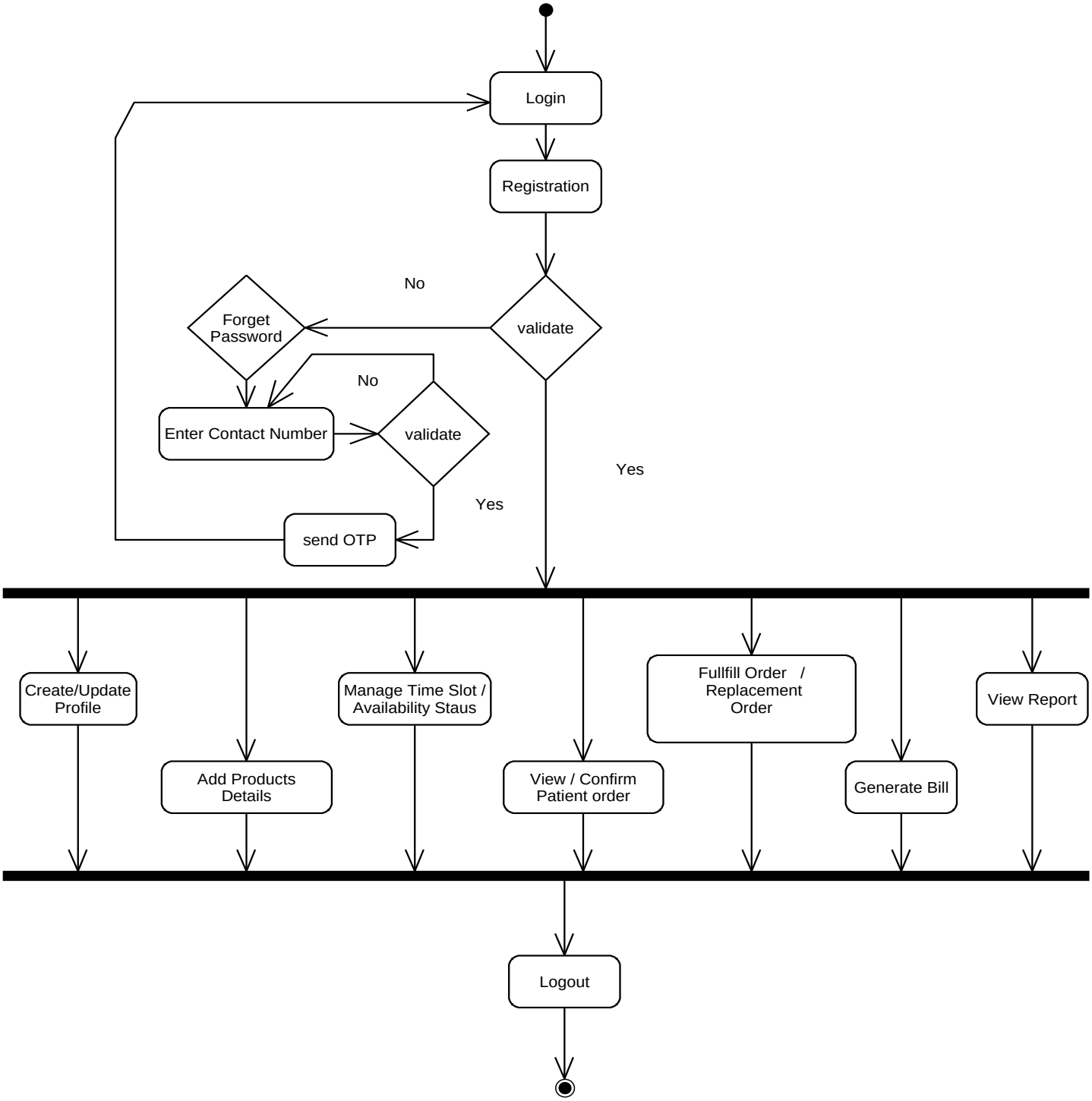

Admin
Web Browser
Web Server
Database Server
7. Assign Order to Delivery/Pickup boy
7.1 Send Details
7.2 Fetch Data
7.3 Confirm message
7.4 Display Confirm Orders
8. Cancel Order
8.1 Send Details
8.2 Store Data
8.3 Confirm Message
8.4 Display Confirm Message
9. Manage User Availability Status
9.1 Request
9.2 Request Processed
9.3 Get Response
9.4 Display User Availability Status
10. View All Payments
10.1 Request
10.2 Fetch Data
10.3 Get Response
10.4 Display All Payments
11. View All Reports
11.1 Request
11.2 Fetch Data
11.3 Get Response
11.4 Display All Reports
12. Logout
12.1 Request for Logout
12.2 Procress Request
12.3 Get Response
12.4 End Session

4.3 Activity Diagram :-

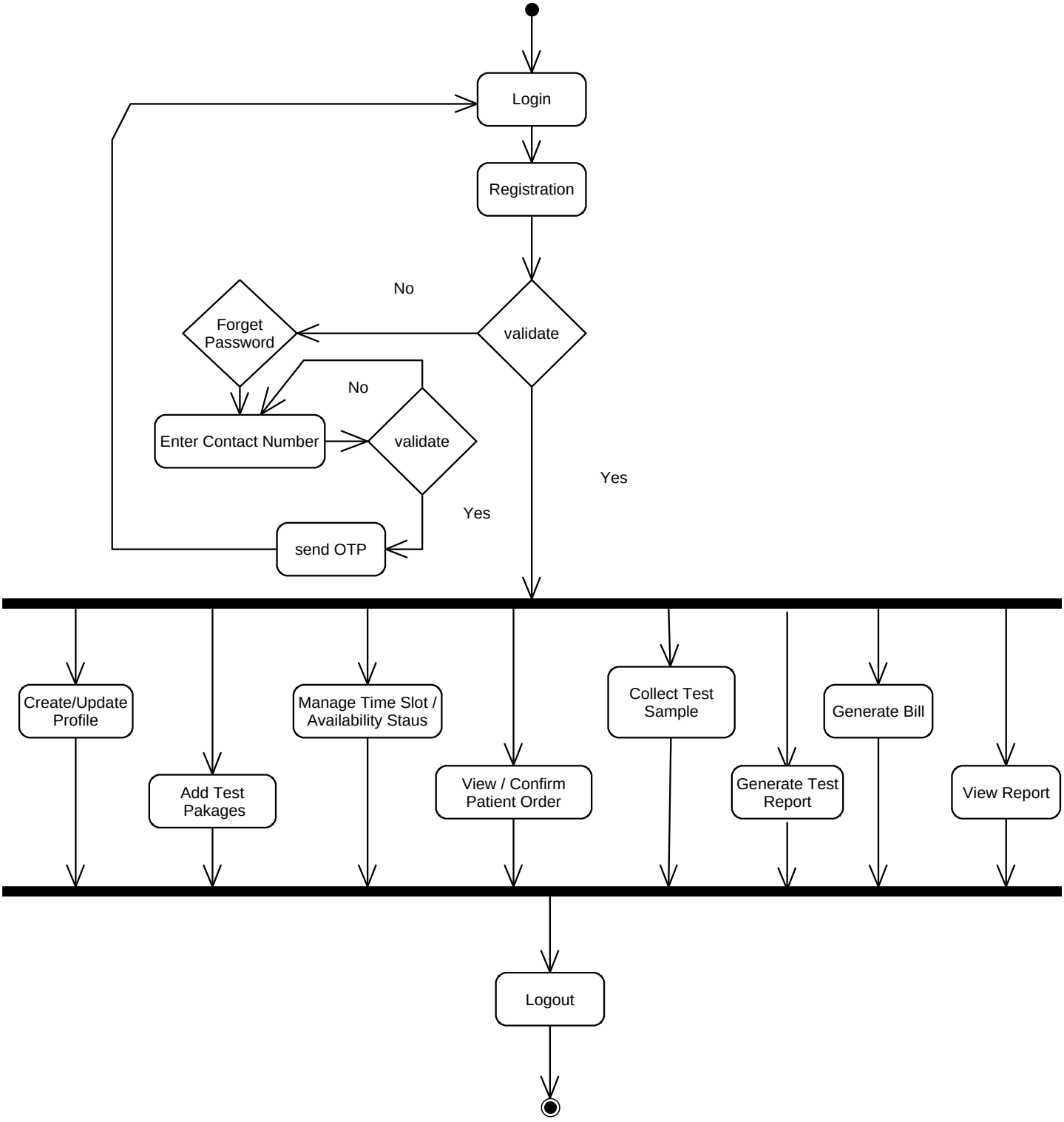
1. Doctor Activity Diagram



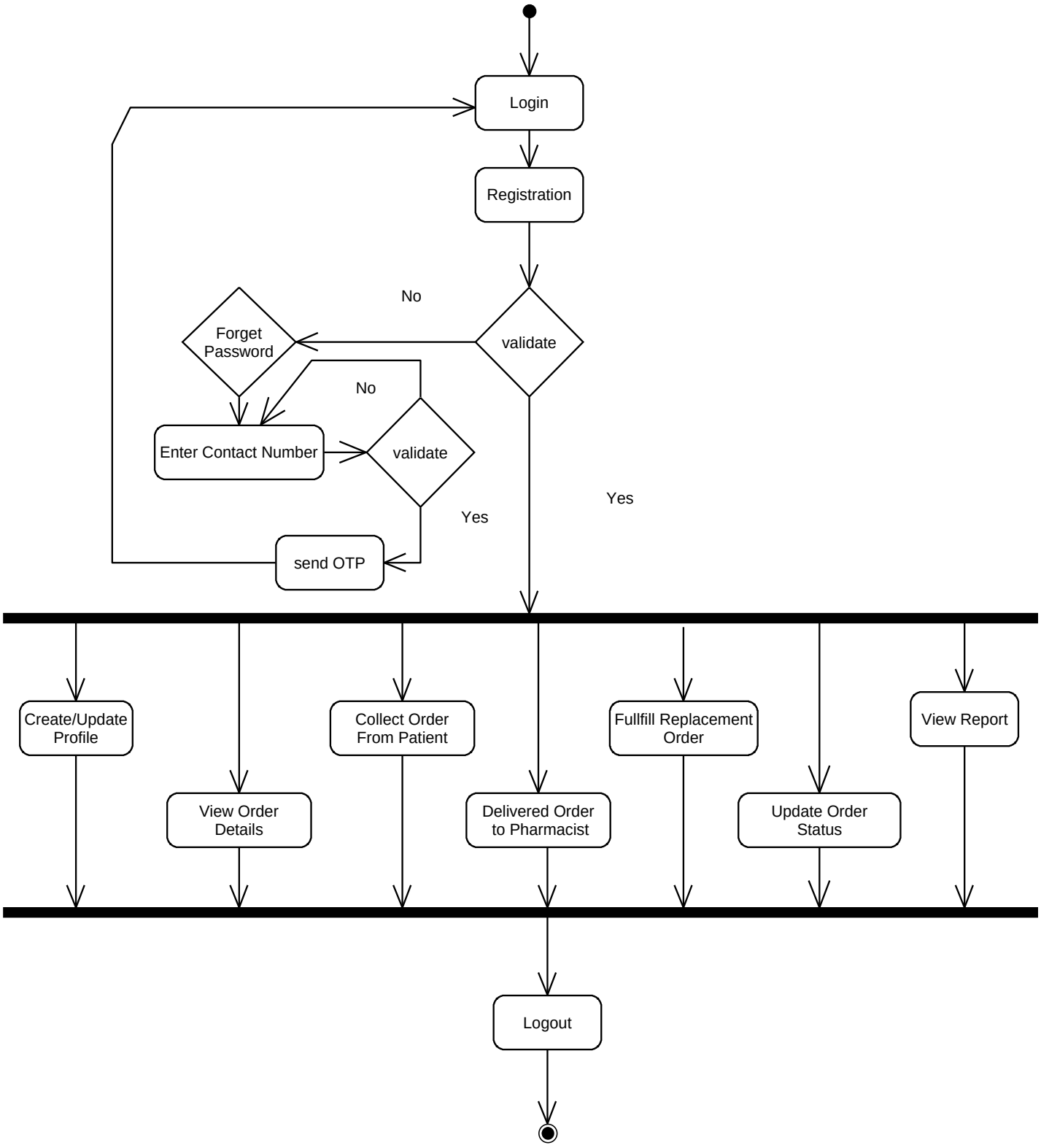
2. Pharmacist Activity Diagram:



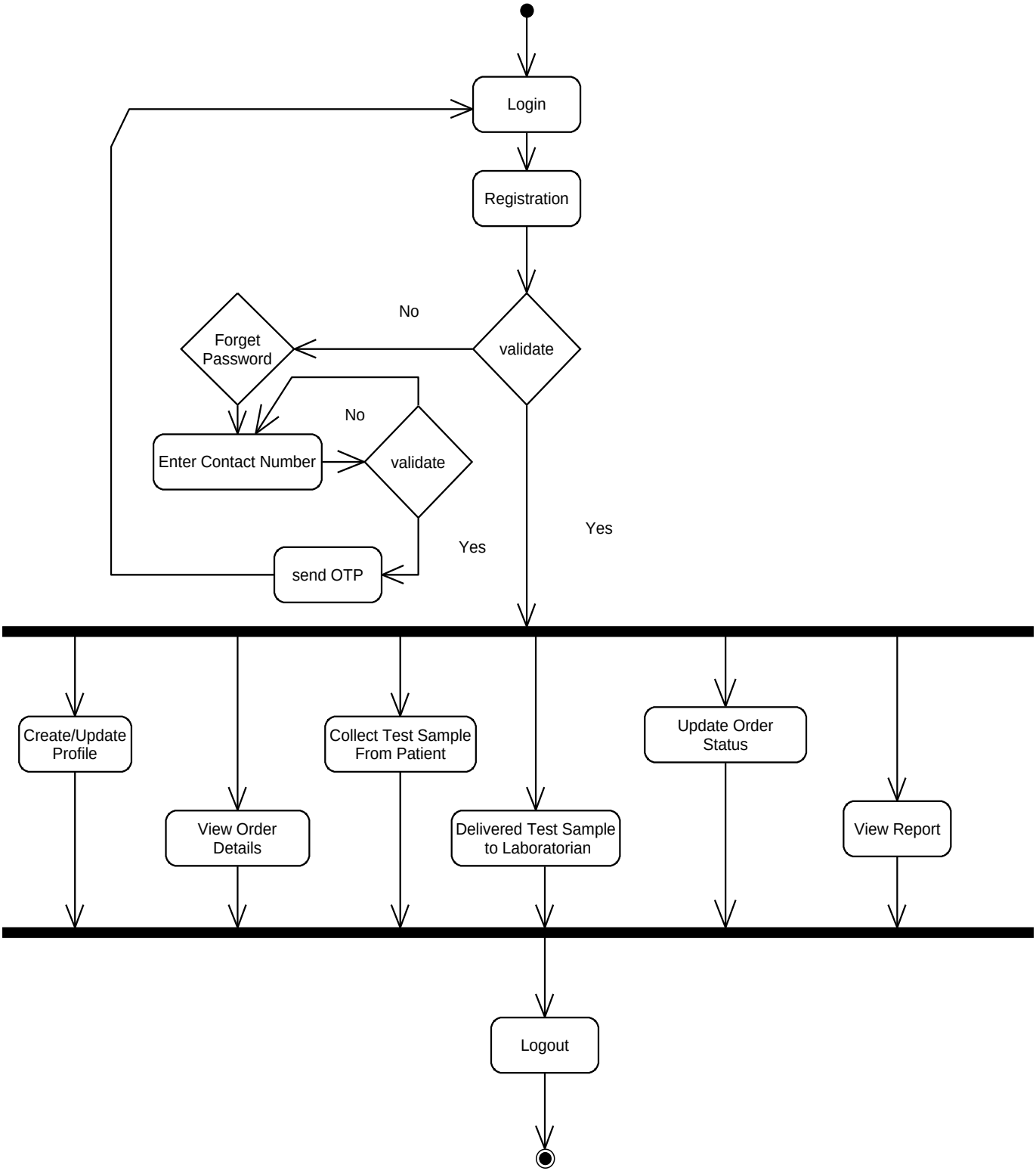
3. Laboratorian Activity Diagram



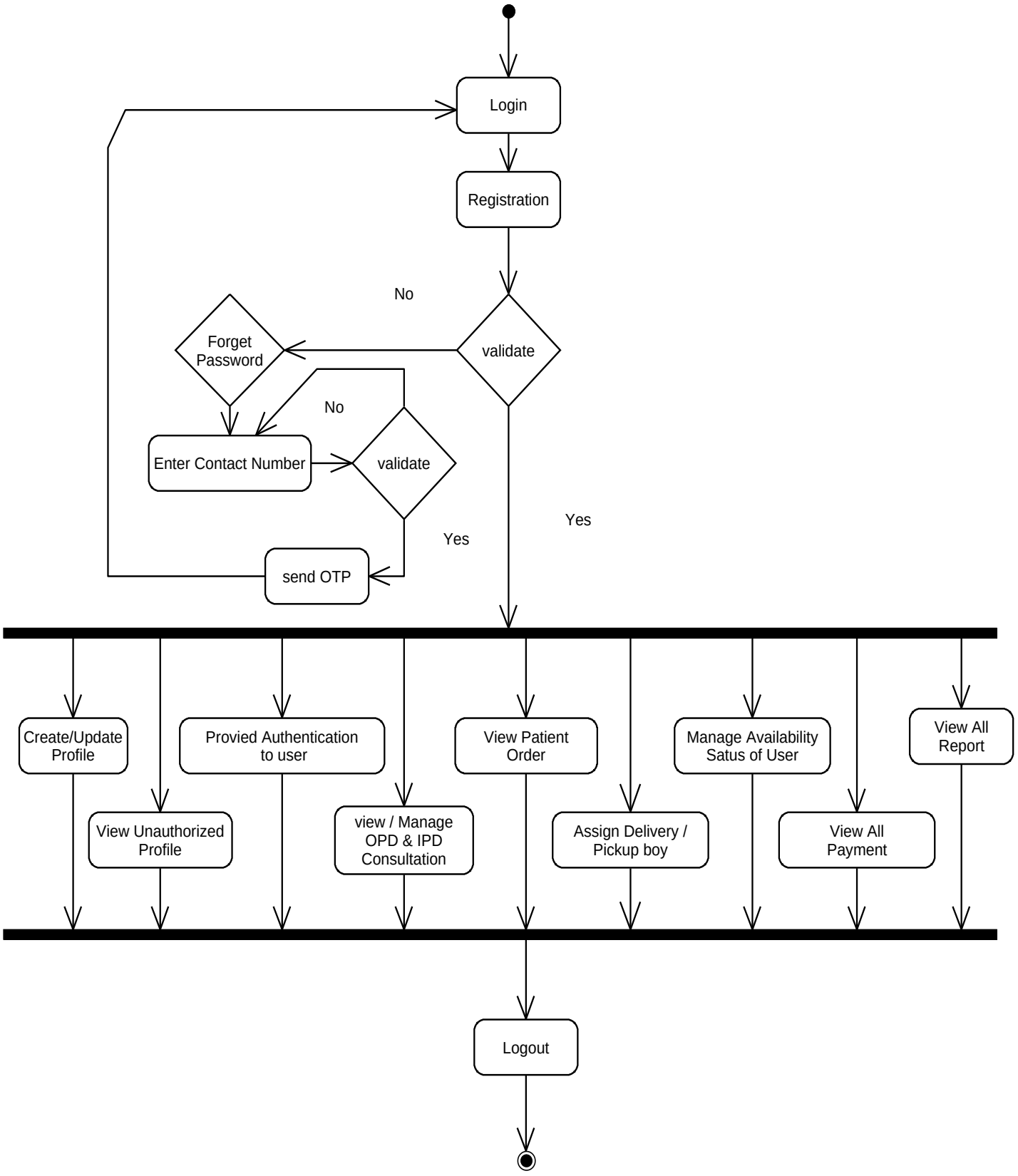
4. Delivery Boy Activity Diagram



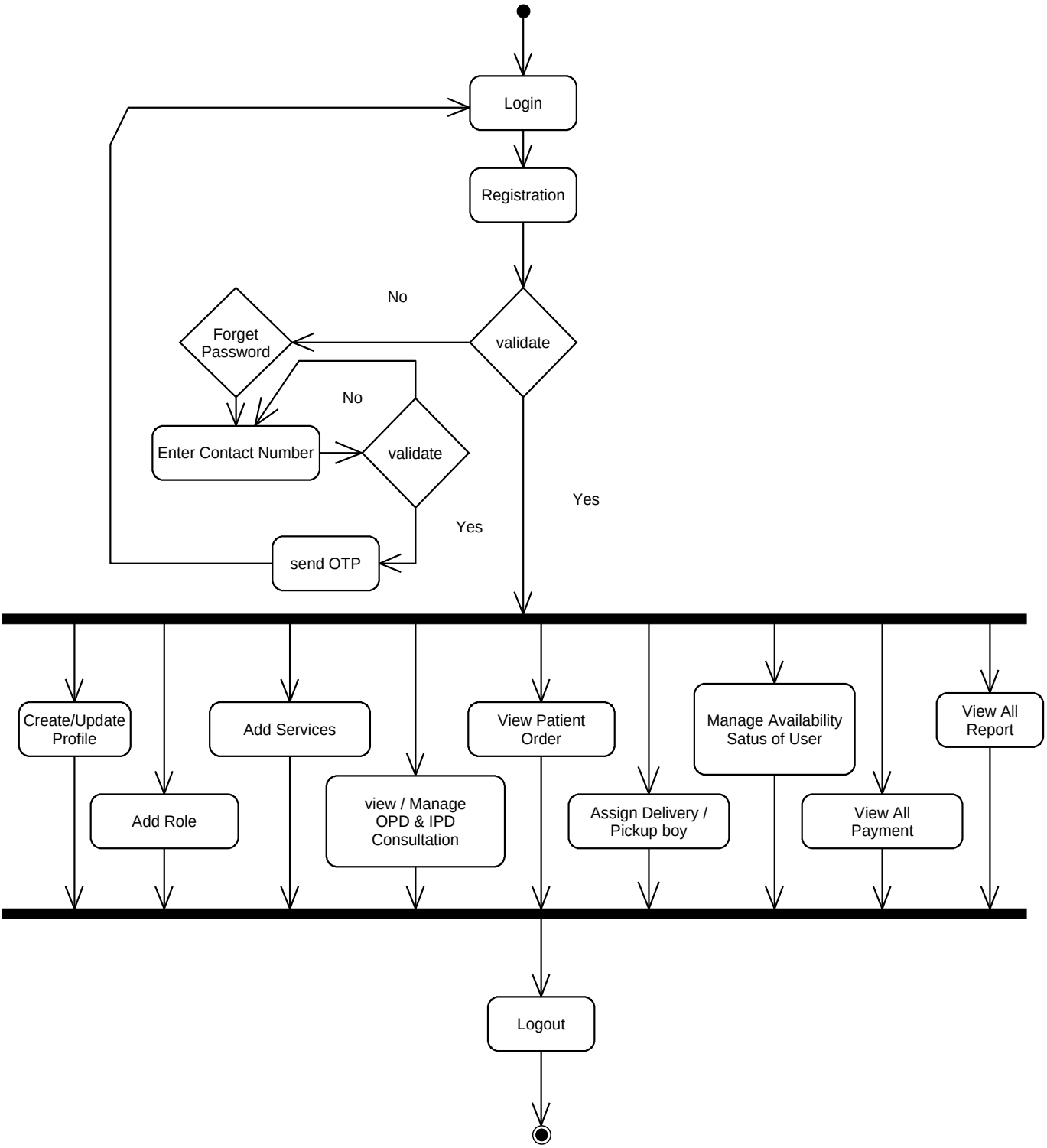
5. Pickup Boy Activity Diagram



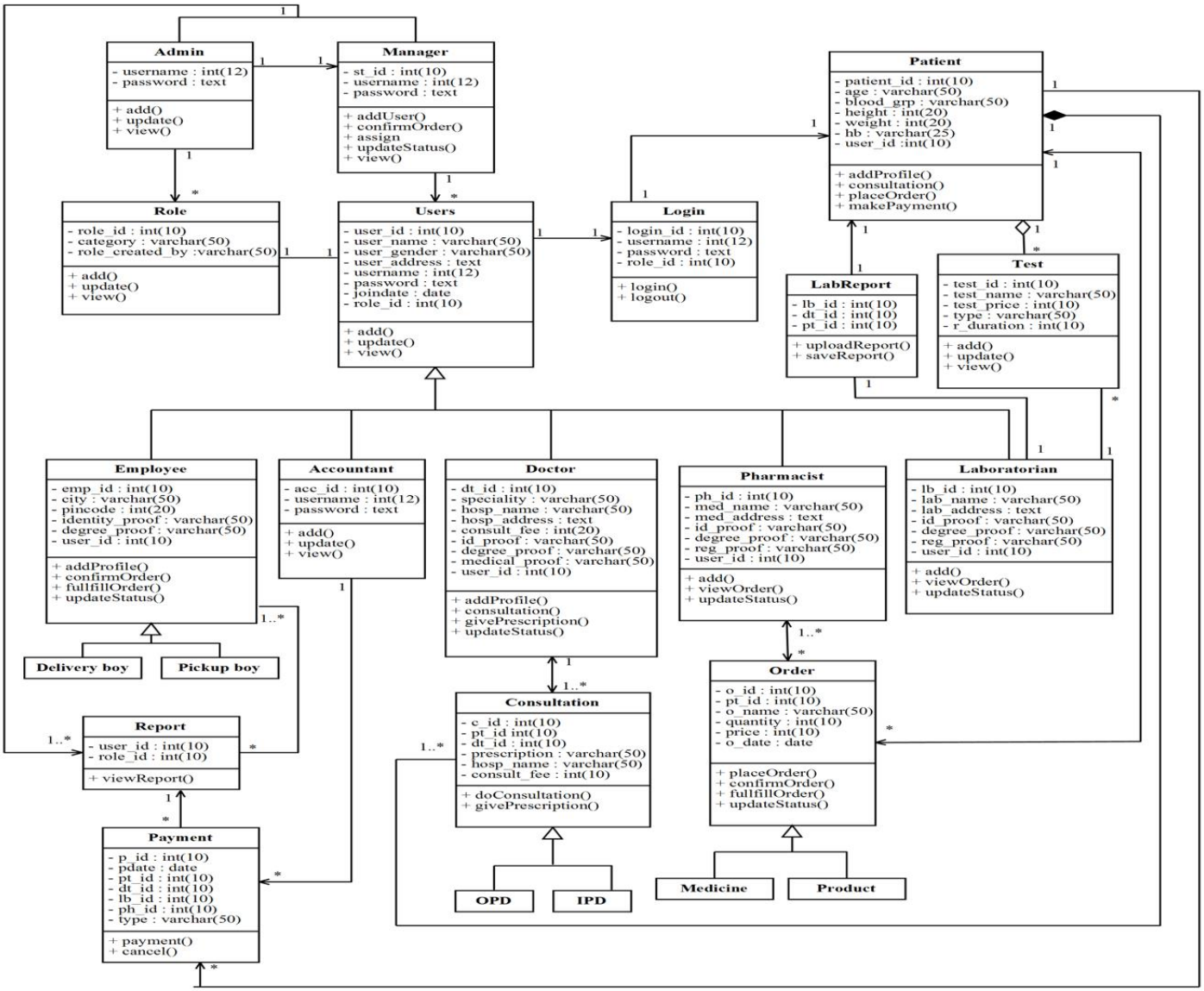
6. Manager Activity Diagram



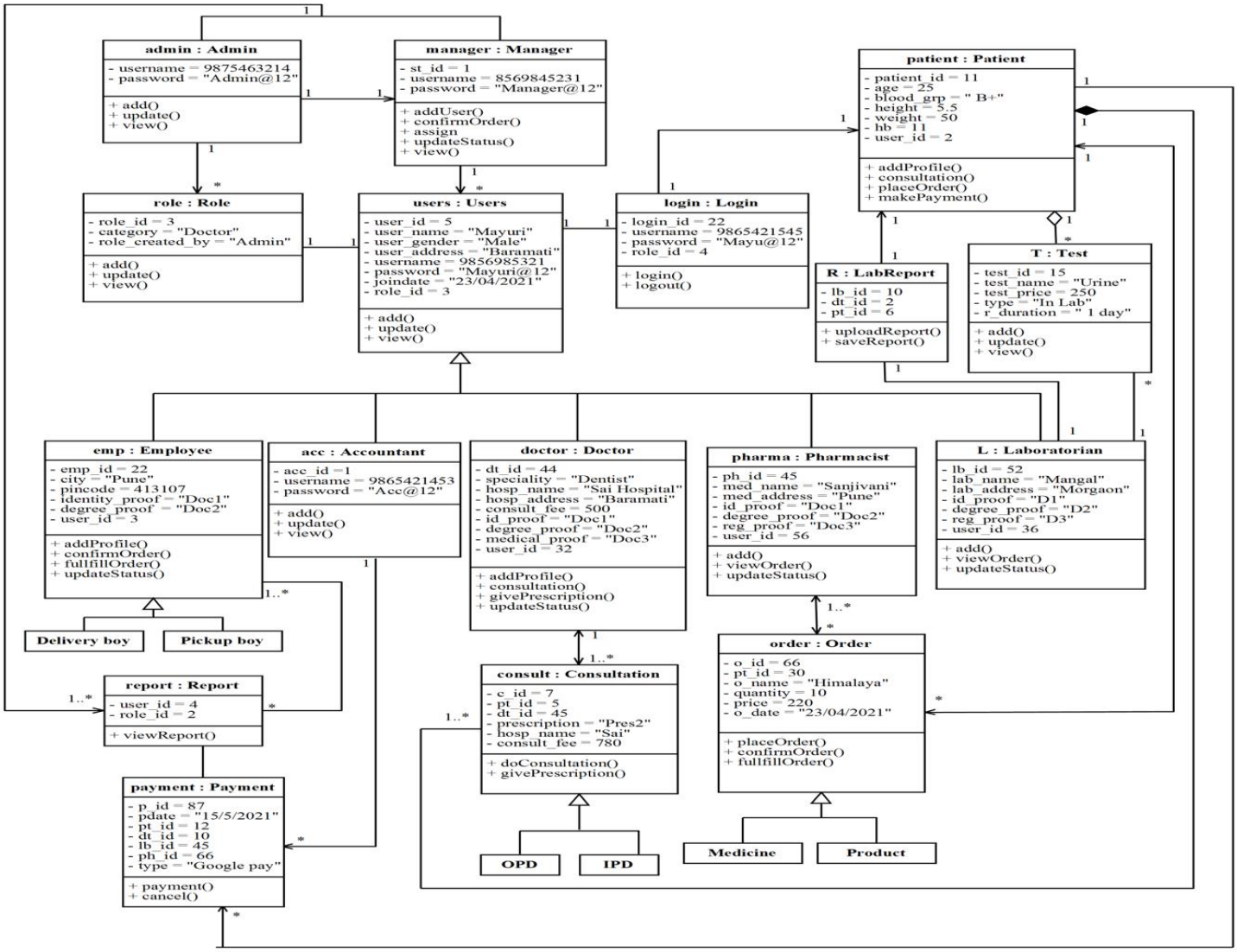
7. Admin Activity Diagram



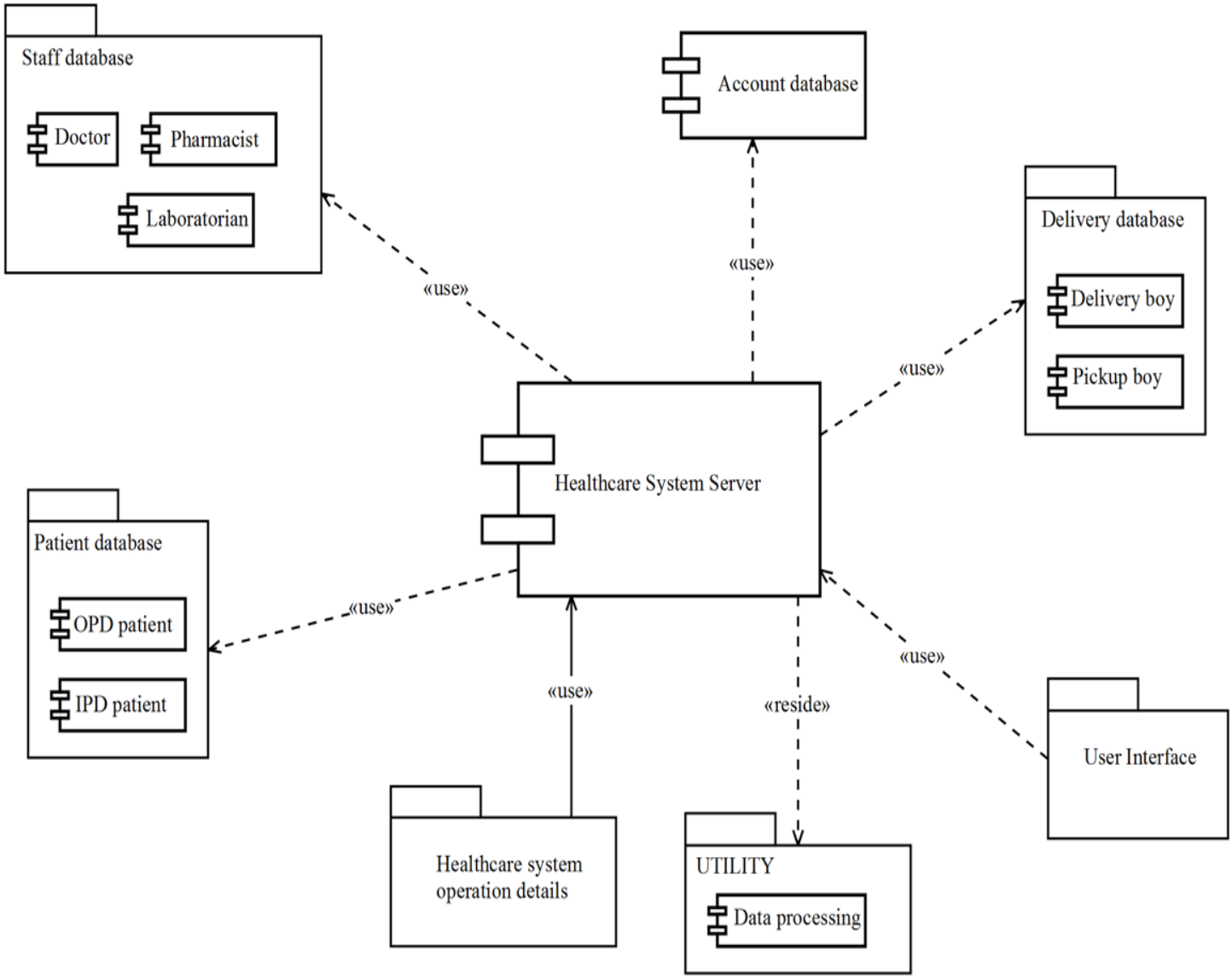
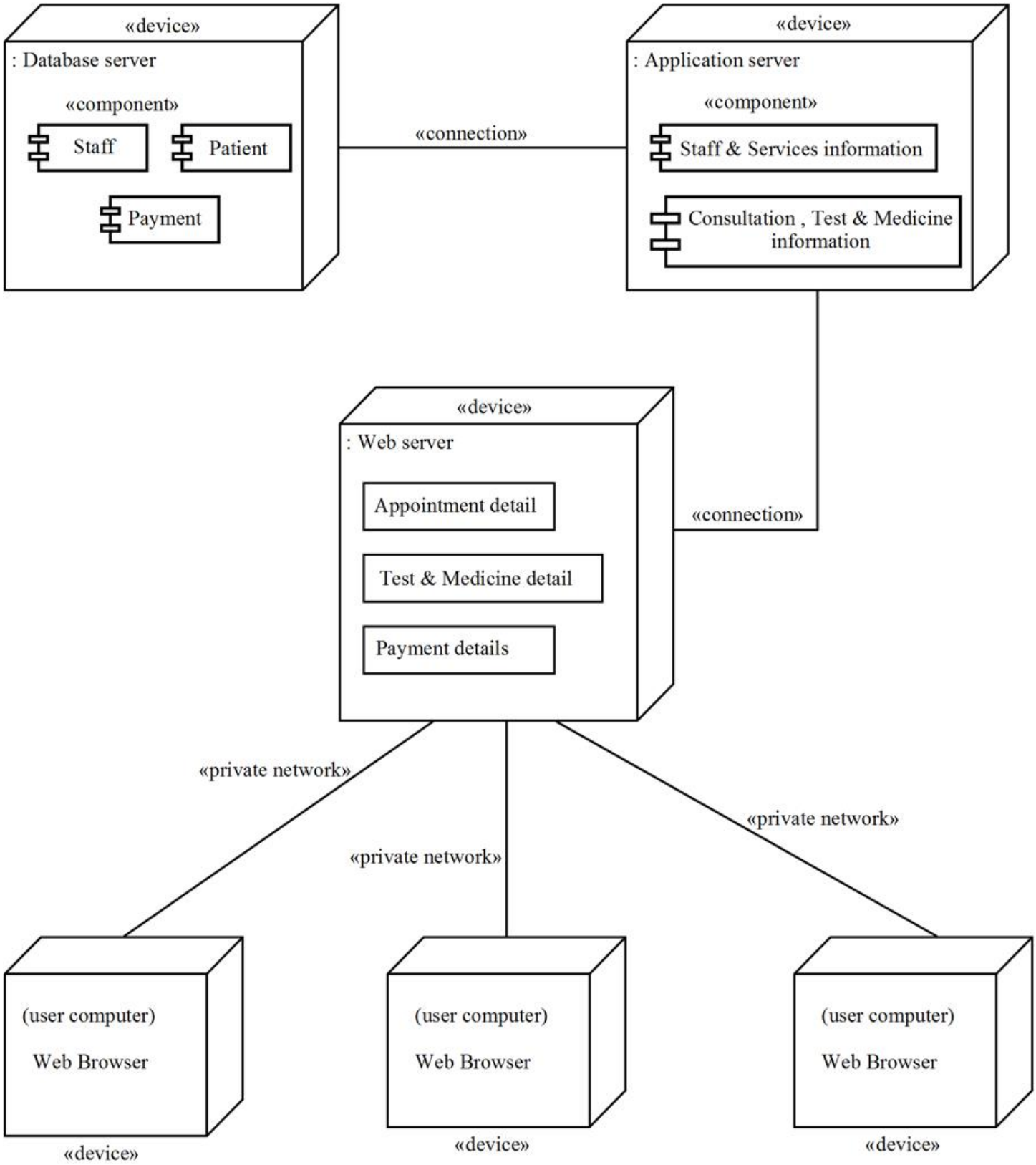
5. **Class Diagram**



5 Object Diagram



4.7 Component Diagram :-



4.8 Deployment Diagram