DocSpot - Requirement Analysis

# Technology Stack

- Frontend: React.js, Bootstrap  
- Backend: Node.js, Express.js  
- Database: MongoDB Atlas  
- Tools: Visual Studio Code, GitHub, Postman  
- Deployment (Optional): Vercel (Frontend), Render (Backend)

# Data Flow Diagram (Level 0)

Refer to the attached image representing the flow between:  
- User  
- Frontend application  
- Backend server  
- MongoDB database

# Customer Journey Map

1. User visits the DocSpot website  
2. Registers as either a Patient or Doctor  
3. Logs in with their credentials  
4. Patient browses the list of approved doctors  
5. Patient books an appointment  
6. Doctor logs in and views pending appointments  
7. Both manage appointments via their dashboards