

1. Start/Index Page

- **Start (Homepage):** Starting point with two user choices.

2. Homepage Choices

- **Decision:** Administrator Login or Doctor Login?
 - If **Administrator Login** is chosen, go to Admin Login Page.
 - If **Doctor Login** is chosen, go to Doctor Login Page.
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3. Admin Login Process

- **Admin Login Page:** Enter Admin Email and Password, or select Forgot Password.
 - **Decision:** Validate Admin Login
 - If successful, proceed to **Admin Dashboard**.
 - If unsuccessful, display "Incorrect email or password" and return to Admin Login Page.
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4. Admin Dashboard

- **Admin Landing Page (Dashboard):** Landing page with full administrator privileges.

Admin Functionalities and Privileges

- **Patients:** Options for Register, View, Manage, Discharge, and Transfer Patients.
 - **Reporting:** Access to InPatients Records, OutPatients Records, Pharmaceutical Records, Medical Records, and Analytics.
 - **Pharmacy:** Manage categories, add/view/manage pharmaceuticals, add/view/manage prescriptions.
 - **Medical Records:** Options to Add and Manage Medical Records.
 - **Employees:** Add Employee, Manage Employees, Assign Department, and Transfer Employee.
 - **Inventory:** Access to Pharmaceuticals.
 - **Laboratory:** Patient Lab Tests, Lab Results, Vitals, and Lab Reports.
 - **Password Resets:** Manage password reset requests.
 - **Logout:** Directs to a page with options to either go back to Homepage or Login Again with Forgot Password.
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5. Doctor Login Process

- **Doctor Login Page:** Enter Doctor Number and Password, or select Forgot Password.
 - **Decision:** Validate Doctor Login
 - If successful, proceed to **Doctor Dashboard**.
 - If unsuccessful, display "Incorrect doctor number or password" and return to Doctor Login Page.
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6. Doctor Dashboard

- **Doctor Landing Page (Dashboard):** Landing page with doctor-specific privileges.

Doctor Functionalities and Privileges

- **Patients:** Options for Register, View, Manage, Discharge, and Transfer Patients.
 - **Reporting:** Access to Analytics.
 - **Pharmacy:** Options to Add, View, and Manage Prescriptions.
 - **Inventory:** Access to Pharmaceuticals.
 - **Laboratory:** Patient Lab Tests, Lab Results, Vitals, and Lab Reports.
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7. Logout Options

- **Logout Page:** Directs the user to a choice between returning to the Homepage or logging in again with Forgot Password available.

Applying the Shapes to the Flowchart

Based on your description, here's how the shapes map onto each step:

- 1. Start/Index Page**
 - Oval: "Start (Homepage)"
- 2. Homepage Choices**
 - Diamond: "Administrator Login or Doctor Login?"
 - Rectangle: "Admin Login Page" and "Doctor Login Page"
- 3. Admin Login Process**
 - Parallelogram: "Enter Admin Email and Password, or select Forgot Password"
 - Diamond: "Validate Admin Login"
 - Rectangle: "Admin Dashboard" (if successful) or "Incorrect email or password" (if unsuccessful)
- 4. Admin Dashboard**
 - Rectangle: "Admin Landing Page (Dashboard)"
 - Rounded Rectangle: "Admin Functionalities and Privileges" (with Patients, Reporting, Pharmacy, Medical Records, etc. as separate sub-processes)
- 5. Doctor Login Process**
 - Parallelogram: "Enter Doctor Number and Password, or select Forgot Password"
 - Diamond: "Validate Doctor Login"
 - Rectangle: "Doctor Dashboard" (if successful) or "Incorrect doctor number or password" (if unsuccessful)
- 6. Doctor Dashboard**
 - Rectangle: "Doctor Landing Page (Dashboard)"
 - Rounded Rectangle: "Doctor Functionalities and Privileges" (with Patients, Reporting, Pharmacy, Inventory, and Laboratory as separate sub-processes)
- 7. Logout Options**
 - Oval: "Logout Options" (for ending the flow)