Case Study

Of

Patients Appointment System

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Client's Name:- Shivsari Hospital Jankipuram , Lucknow

Project Coordinator's Name:- Er. Akhilesh Kumar

Trainee's Name:- …… Enrollment No:- ……..

1) *Introduction:-*

"Patients Appointment System is a unique online Web portal personalized to meet all requirements of patients at a single platform –which would keep you up-to-date in Clinic and take appointment to doctor for patients treatment in any place of the world. E- Appointment portal can be defined as a portal that where patients can take appointment to doctor and consume there time. Patients can checks also all Information about Doctor when doctor will meet to patients also check their appointment number and Doctors status and finally they will decide and take appointment. "

Today's scenario is rapidly changing and demanding. The system demands greater levels of communication between all human categories. Now a day every person is busy in their life so they want to their work in short time. So now a day every people take an Internet help for their work. So this portal to help all patients to take appointment to his doctor and go to clinic in their time. This portal is basically used for patient's requirement. Patients can take to appointment after fill their online registration.

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2) Objective:-

We used a combination of surveys, focus groups, and one-on-one interviews to gather information from patients, faculty, and from key personnel at other medical students. After gathering requirements we have decided the following aims and objectives of Patients Appointment System portal:

1) To provide anytime/ Anywhere Online Registration.
2) All information /knowledge sharing to patients.

3) To provide Doctors timing for patients.

4) To provide the Doctors fee.

5) Easy for patients to use and customize.

6) Event Clinic Notification to Patients.

7) To provide best medicine and Diagnostic center in lowest cost.

8). Organize check all activities /Information of the registered students.

9) Easily accessible from any corner of the world if you have internet connection.

10) To provide online discussion board, between all registered patients and admin.
11) To provide medicine and Diagnostic center for patients.

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3) Name and Description of Modules:-

There are 14 main modules in the system which can be sequentially listed as given below:-

1.	Patients Authentication and Login Management
2.	Patients Registration
3.	Dynamic Events Management
4.	Online Enquiry
5.	Fee Management
6.	Online Appointment
7.	Password Encryption
8.	Expert search
9.	Email integration
10.	User's Roles and Rights Management
11.	Feedback
12.	Capcha Generate
13.	Data Discryption
14.	Admin Login & Authenticate

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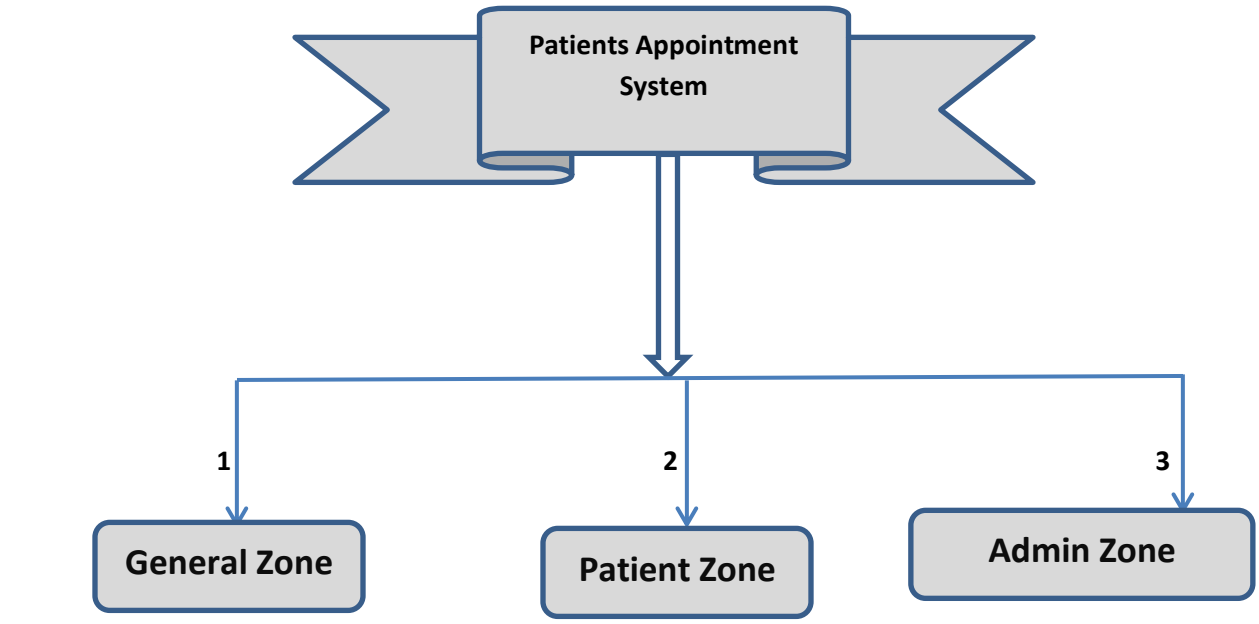
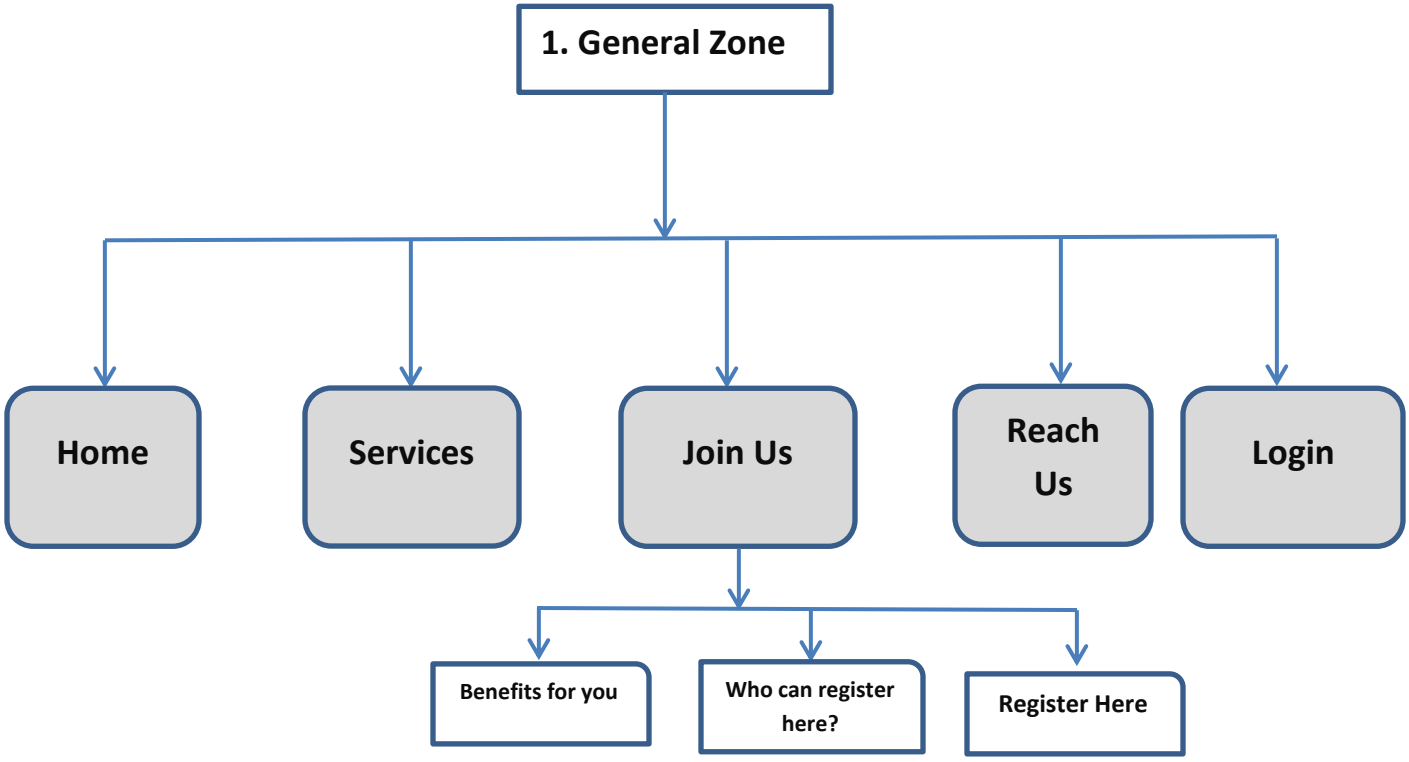
4) *Architecture of* Patients Appointment System:-





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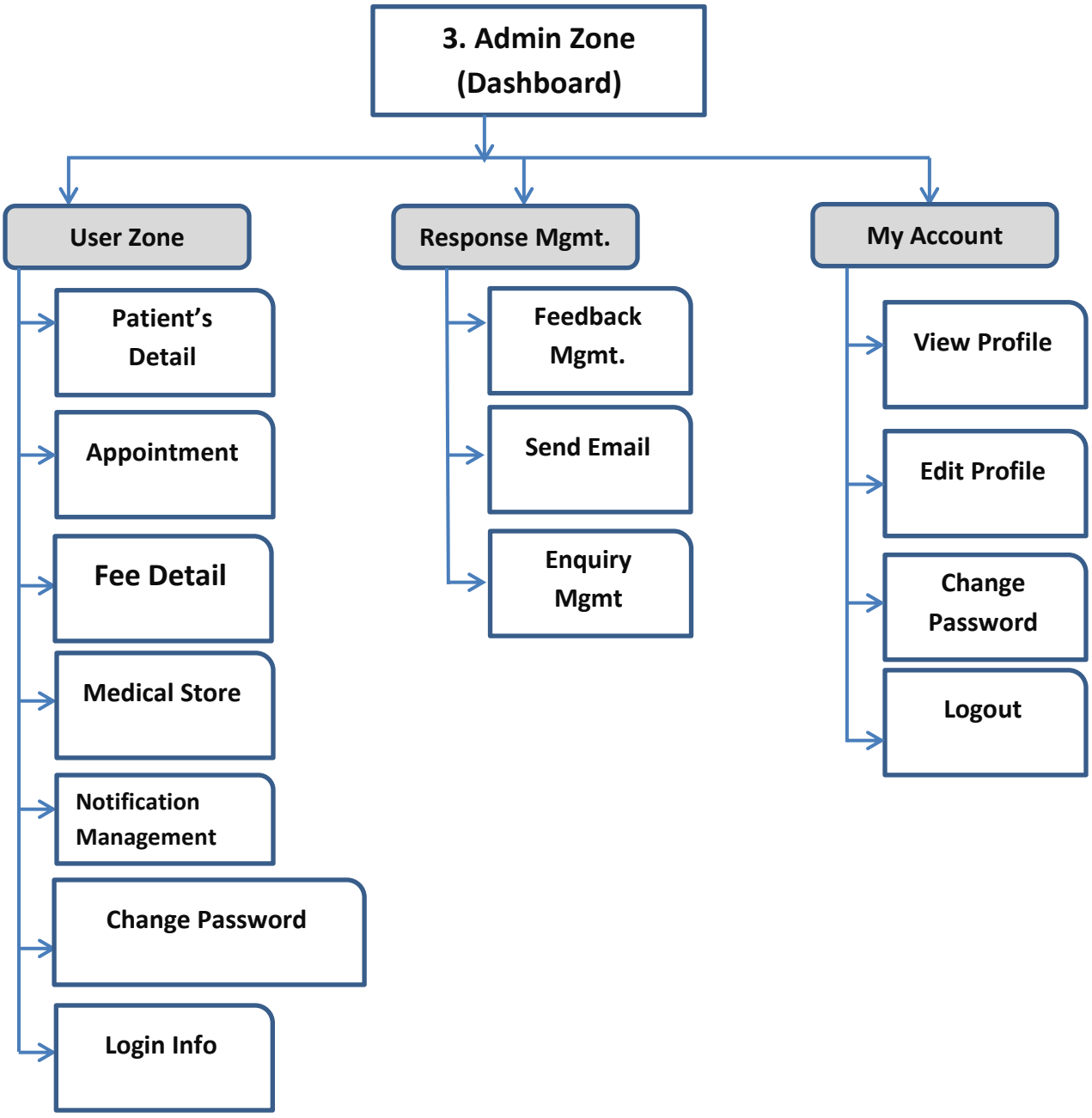

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Summary Of architecture:

1) **General zone:**

Home: It should contain the name and logo of project. It also contains a light weight slider, menu bar, and no of registered patients, state wise, timing wise, gender wise. This home page includes a dynamic updated list of top 5 registered patients. It should also contain a small login form.

Contact Us: Contact us page includes main two things one is static contact details of **Shivsari Hospital Jankipuram Lucknow** client and another is dynamic inquiry form with following fields:

Name, college name (optional), address, email id, contact no, Query.

Create Account: This page includes three main major parts. The advantage part tells about the advantages and benefits of account creation, the 'who can register here?' Part tells about the eligibility to become member of that portal. Register part includes a link for new registration. Registration process is divided into two main parts- one is essential part and another is optional part. The essential part is filled by the student before login and optional part can be filled after login.

Login: This page is used by the students for login into the student zone. It should contain following properties:

Student id, password, forgot password, new user Sign Up here.

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2) Student zone:

The home page of patients, works as a dashboard. It includes navigation I-con for all pages. What's new today tab is used to display the dynamic notifications. The discussion board is a platform where patients can ask his query related to his all information In Feedback section patients can submit his feedback about portal. User manual is used to clearly define the flow of patient's zone, its main objective is to make user friendly portal. In appointment manual patients can see appointment time or cancel time. Fee manual is check fee of doctors.

3) Admin zone:

The first page of admin should works as a dashboard. Admin is a person, with full authentication. Admin can directly view feedback of patients and contact query. Admin can manage each and every thing related to that portal.

5) Conclusion:-

During extended interviews with Patients at 50 Clinic, we found different processes leading to the successful development and deployment of portals. The portal doesn't have to be expensive. It should support multiple campus goals. It is clear that the functionality of a portal develops over time.

"**Patients Appointment System**" is not only a web portal; it is a live product of Hospital Management System. In future we will add more and more features on it. This portal can be used by any doctors Clinic.

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