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# **IrisGlow**

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## **Eye Care Hospital Management System**

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**Roll No :- 09**

**Batch :- S4 RMCA**

# IrisGlow

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**Guide: Ms. Lisha Varghese**

## **1.Project Overview?**

IrisGlow is a web-based platform designed to enhance users' eye care experiences. It offers a wide range of services, including appointment scheduling, disease information, spectacles purchase, and more. The platform's primary objective is to optimize eye care hospital operations and improve patient care by integrating cutting-edge technologies. IrisGlow caters specifically to eye care hospitals and individuals seeking specialized eye care services, promoting holistic eye health and well-being.

## **2.To what extend the system is proposed for?**

The system's purpose is to streamline eye care hospital management and improve patient experiences. It caters to both medical and surgical patients, offering appointment scheduling, disease information, spectacles purchase, and more.

## **3.Specify the Viewers/Public which is to be involved in the System?**

- Patients seeking medical or surgical eye care.
- Eye doctors and specialists.
- Administrators managing the hospital's operations.
- Spectacles users looking to purchase eyewear.

## **4.List the Modules included in your System?**

- Eyecare Module
- Appointment Module
- Diseases Module
- Spectacles Module
- . Eye Disease Self Detection Module

## **5.Identify the users in your project?**

- Patients
- Doctors

- Admin
- Spects

## **6. Who owns the system?**

The system is owned and administered by hospital administrators.

## **7. System is related to which firm/industry/organization?**

IrisGlow is related to the healthcare and eye care industry, aiming to enhance services in eye hospitals.

## **8. Details of person that you have contacted for data collection?**

- Dr. Dhrumil C K (Eye Specialist)
- Arvind Eye Care System (Eye Care Hospital Website)

## **9. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)**

### **1. What are the common eye care services offered at your hospital?**

- *Answer:* We provide a wide range of services, including medical treatment, surgery, and home remedies.

### **2. How do you handle appointment scheduling for medical and surgical patients?**

- *Answer:* We have a manual appointment booking system currently.

### **3. What challenges do you face in managing eye disease information and treatment data?**

- *Answer:* Maintaining accurate records and providing information to patients efficiently can be challenging.

### **4. What additional features would you like to see in the system to support eye care services effectively?**

- *Answer:* Integration of virtual eye disease diagnosis tools would be valuable.

### **5. How can the system improve the patient experience when purchasing spectacles online?**

- *Answer:* Offering a virtual try-on feature would enhance the experience.

### **6. What challenges do you anticipate in transitioning from manual appointment scheduling to an online system?**

- *Answer:* Ensuring a smooth transition for both staff and patients might require training and support.

**7. How can the system ensure secure and efficient handling of insurance-related information for eye care treatments?**

- *Answer:* Implementing secure data encryption and automated claims processing would be essential.

**8. What features or tools do you believe would enhance the overall eye care experience for patients?**

- *Answer:* Features like online medical records access and interactive educational resources would be valuable.

**9. What are your thoughts on incorporating virtual consultations for eye care services?**

- *Answer:* Virtual consultations could improve accessibility for patients, especially for follow-up appointments.

**10. How can the system contribute to improving the outreach activities and community engagement of the hospital?**

- *Answer:* Implementing event registration and informative content sharing features would be beneficial.