ABSTRACT - Telemedicine System

The Telemedicine System is a Java-based solution designed to provide remote healthcare services through virtual consultations. The system enables patients to schedule appointments, consult with doctors via video conferencing, receive prescriptions, and manage their medical records online. By integrating a secure communication platform, the system ensures real-time interaction between patients and healthcare providers, thereby improving access to medical services, especially for remote or underserved areas. The system is designed to streamline healthcare delivery, reduce hospital visits, and provide timely medical intervention.  
  
**Software Requirements:**  
JAVA, HTML And CSS  
IDE: IntelliJ IDEA, Eclipse, or NetBeans  
Healthcare Technology  
Subdomains: Telemedicine, Remote Consultation, Patient Record Management

**Objective:**

 **Improving Access to Healthcare**: Telemedicine allows patients, especially in remote or underserved areas, to consult healthcare professionals without the need for physical travel.

 **Enhancing Healthcare Efficiency**: It reduces the time and cost associated with in-person visits, streamlining processes like appointments, consultations, follow-ups, and diagnoses.

 **Providing Timely Care**: Telemedicine facilitates real-time interaction between patients and providers, ensuring prompt treatment for various health issues.

 **Reducing Healthcare Costs**: By minimizing travel, hospital admissions, and use of emergency services, telemedicine helps reduce overall healthcare costs for both patients and providers.

 **Supporting Chronic Disease Management**: Remote monitoring and continuous care through telemedicine help in managing chronic conditions more effectively by enabling regular check-ins.

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