**Define Problem:**

Historically, patients had a difficult time getting timely medical consultations because there was no formal appointment system in place, which frequently resulted in long wait times that left patients unhappy. Moreover, patients were unable to find reliable and current information about doctor availability, making it impossible for them to know when their preferred healthcare provider would be available.

This documentation will go into further detail about the specific features and functionalities that address the outlined business problem, giving a thorough understanding of how CURA Healthcare Service is positioned to improve the patient experience in the healthcare industry. If you have any additional questions or need more information, please contact us. Heart diseases, or cardiac disorders, are among the most common health conditions affecting people worldwide. By providing a streamlined appointment system and up-to-date information on doctor availability, CURA Healthcare Service aims to alleviate the challenges faced by patients seeking prompt and dependable healthcare services.

**Business Requirements:**

Depending on the particular goals and objectives of the project, a CURA health service project may have a variety of business requirements.

These may include:

• Flexibility: The system must be able to adapt to new drugs and changing information as it becomes available;

• Compliance: The project must adhere to all applicable laws and regulations, including FDA guidelines for drug classification;

• User-friendly interface: The system must be simple to use and comprehend for both medical professionals and the general public.

**Literature Survey:**

Current Landscape: Research indicates that current drug classification systems must be accurate and up to date. Studies also stress the significance of using recent and dependable data to guarantee the relevance of information to current medical practices.

Strengths and Weaknesses:

Modern drug classification systems show promise in terms of increased accuracy and efficient data processing, but there are also drawbacks, such as delays in updating information.

Knowledge Gaps:

The literature survey reveals knowledge gaps, particularly in the area of real-time integration of doctor availability and scheduling information. Addressing these gaps in knowledge presents a chance for the CURA Healthcare Service project to improve the drug classification system.

Appointment Systems:

Current Situation:

Research on appointment systems emphasizes the value of adaptability and user-friendliness. Effective systems shorten wait times for patients and increase patient satisfaction.

Strengths and Weaknesses:

While system rigidity and a lack of real-time updates on doctor availability are noted weaknesses, improved accessibility for patients and efficiency for healthcare providers are strengths.

Knowledge Gaps:

The survey indicates a need for more thorough studies on the user experience of appointment systems, with an emphasis on the interaction between medical professionals and patients. Innovative approaches to improve system flexibility are highlighted as areas for further investigation.

**Social Or Business Impact:**

Social Impact:

Better Patient Care the CURA Healthcare Project has the potential to have a profoundly positive social impact in the following ways:

Enhanced Decision-Making:

By providing accurate and current information on doctor availability, the project enables healthcare professionals to make more informed decisions about treatment options, which directly leads to improved patient care;

Timely Access to Healthcare:

Patients gain from shorter wait times and easier access to healthcare services; the real-time information on doctor availability guarantees that patients can receive timely and appropriate medical attention, improving their overall healthcare experience;

Patient Satisfaction:

The project addresses a crucial component of healthcare delivery-providing.

Business Impact:

Encouraging Innovation and Operational Efficiency

The CURA Healthcare Project is well-positioned to significantly impact the business landscape by:

Operational Efficiency:

By streamlining the appointment scheduling process and offering comprehensive information about doctors' availability, the project improves operational efficiency for healthcare providers, lowering the risk of scheduling conflicts and guaranteeing optimal resource utilization.

Development of Innovative Notifications:

The project's focus on doctor availability and interaction data allows for the development of innovative notifications, such as the system's ability to notify patients if a booked slot becomes unavailable due to unforeseen circumstances.