

Health Department Antibiogram Application

Business Case

- The Antibiotic policy based mobile app would be an ideal one stop solution to enhance the treatments with antibiotics, as well as to reduce the unnecessary time consumption.
- Physicians can diagnose the disease and/or identify the pathogen and prescribe the antimicrobial for the treatment.
- Also, this app provides a platform to chat and interact with other fellow experts for feedbacks and opinions.
- An additional feature available with the application is that role play game available within the app helps in enhancing the learning process.



Artificial Intelligence/Chatbots

Outcome/Benefits

- Ready access to Anti-Microbial Resistance resources published by Government of Kerala, focused information on pathogens and antibiotics in their field from open-source databases and recommended antibiotic treatments protocols.
- Collaboration tools like chats, notes, alerts/notifications, etc.
- Knowledge sharing tools Blogs, posting of case studies etc.
- Gamifying treatment protocols through self-tests and practicing by treating virtual patients.
- The mobile Conversational Application with a dual Layer of Navigation via conversations as well as a robust user interface, providing a hyper personal experience akin to Google Assistant.