

Title: Designing and Leveraging TB MukT Himachal Mobile Application for Accelerating TB Elimination Efforts in Himachal Pradesh

Providing last-mile TB services is crucial for early diagnosis and breaking the chain of transmission in difficult topographies of hilly state of Himachal Pradesh, India. Person with a history of successful treatment of TB (PwTB) are at risk for developing the disease again in high-burden settings (200/100,000 for 2023) hence the state has taken extra efforts to accelerate towards ending TB in the state. With state specific interventions like cough syrup surveillance, health seeking behaviour recording, indoor ward screening, Schedule H1 Reporting and Sunday active case finding, the state required a unique tool to capture and analyse data from these interventions. Therefore, TB MukT Himachal Application was designed and launched in the state.

NHM procured digital and IT services of E-Tech Services Private Limited agency to design the Application and Dashboard. All forms for the state specific interventions were designed into TB MukT Himachal with log in credentials given from District to ASHA level to capture last mile data till Gram Panchayat as well as to Chemists and AYUSH Medical Officers. The access of data through dashboard is also given to the collaborators of these interventions like Drug Inspectors for improved monitoring. The data captured into the Application is displayed in the dashboard for monitoring and evaluation basis.

Leveraging and using a mobile application for digital surveillance has not only provided the state additional data and information to devise specific strategies but also help in identifying bottlenecks in the system. It accelerates TB elimination efforts by empowering decision-making participation and sense of ownership at decentralized level and moving towards ending TB.

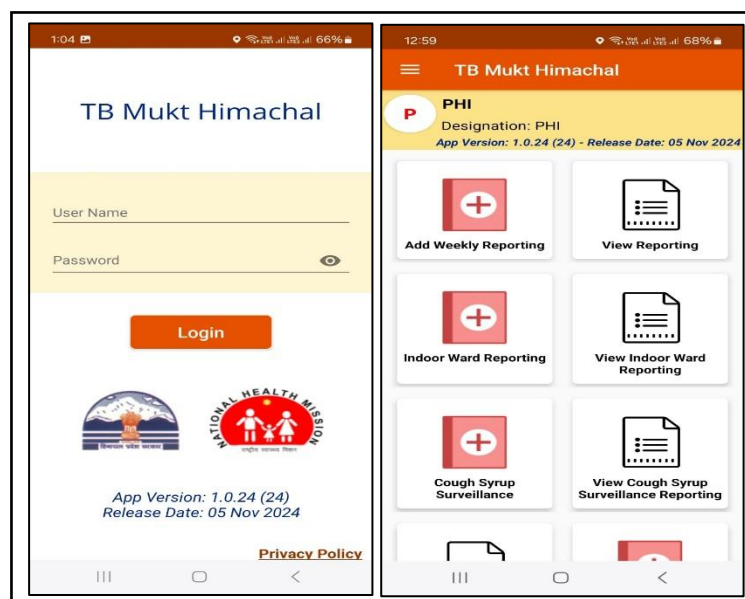


Figure: The Layout and Design of the TB MukT Himachal Mobile Application

