

Empowering Immunization and Healthcare Delivery through Rapid Skill Enhancement and Capacity Building



An Overview

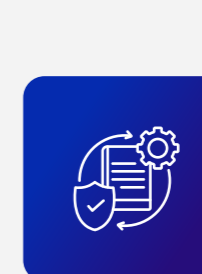
This is an immunization process and healthcare delivery project that allows healthcare personnel to administer vaccines quickly and effectively. It provides a comprehensive training program and innovative tools & technologies implementation to streamline the immunization process. The project is compatible with any industry supporting cloud and on-premise hosting and has been implemented for the Ministry of Health and Family Welfare, India.



Key Business Objectives

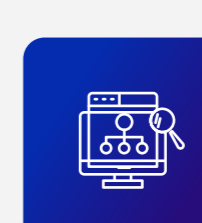
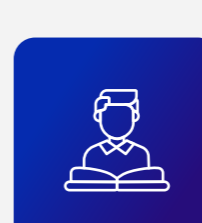
The primary business objective of the project is to strengthen the immunization procedure and healthcare delivery by training the healthcare workforce.

Streamlined Immunization Procedure



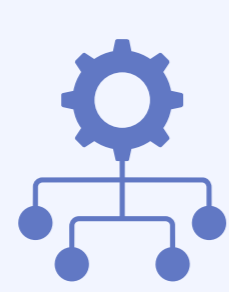
Easy Information Access and Guidelines

Academic Training Sessions and Self-learning Materials



A Structured Monitoring

The Challenge



Cascade Training Cycle

The time period of standard cascade training took place around every 3-5 years, leading to a lack of proactiveness in the workforce.



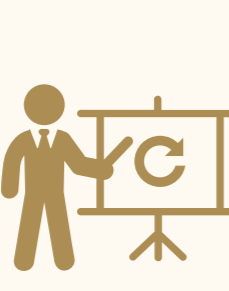
UPI Training Gap

The rapidly changing scenario of UPI for security enhancement leads to gaps in training requirements.



F2F & WorkForce Logistics Challenge

The large number of the immunization workforce and diverse ground conditions make it difficult to arrange logistics for face-to-face training.



Refresher Training Gap

Refresher and reinforcement cascade training fails to maintain quality over time, leading to knowledge decay and misinterpretation of originality.



Content Update Difficulty

The current training mechanism was outdated and challenging to add changes and new guidelines.



Unstructured Monitoring

The lack of a monitoring and tracking mechanism in the system resulted in workflow interruption.

Implementation & Solution We Offered

✓ ICT Utilization

ICT tools utilization, such as Electronic Immunization Registries (EIRs), mobile apps and supply chain management systems to streamline the workflow.

✓ Doubt Resolution

We have discussed all the existing doubts and misconceptions addressing vaccine hesitancy, clinical uncertainties and data discrepancies.

✓ Self Learning

Adding interactive games and providing e-learning courses, we have provided a self-learning module for the healthcare personnel.

✓ Monitoring Mentoring

Authorities can monitor, track and mentor the workforce with training sessions to enhance the output quality.

✓ Innovative Methods

Our team of developers has implemented an innovative methodology to boost problem-solving with accelerated business growth.

✓ Easy Updates

We have incorporated easy access to new information and guidelines for the workforce to enhance the operations.

✓ Mobile Learning

Mobile-friendly and easy access on any device allows learning on the go to boost work proficiency within the whole system.

✓ Certification Incentives

The platform also provides certification incentives and rewards to the workforce for self-learning the immunization process workflow in the system.

Features & Business Impact



Role-wise Dashboards

We provide role-based access to healthcare workers according to their roles with a hierarchy-based reports mechanism for district-level and state-level admin roles with a dashboard of users/learners, admin course author, and supervisor.



20+ types of Assessment

The platform empowers you to have 20 types of quizzes like MCQ, Text input, Numeric response, Checkboxes (multiple choice, multiple correct answers), Open response exercises, image drag and drop, File submission, Peer graded questions and many more.



SCORM Compliant

This platform offers SCORM support via a third-party XBlock, providing seamless interoperability between content and learning management systems, giving standardized, high-quality training to health workers.



2 types of Certificates: silver & Gold

The 2 types of certificates can be configured based on the parameters set by the author, like if cleared in 1st attempt with marks above 70, then users get a Gold certificate, otherwise silver certificate.



Chatbot

It has a chatbot which allows you to Build Conversational AI Experiences. It provides flexible conversational AI software for building text and voice-based assistants, which is proven to be a boon for Online learning.



Course Progress

Learners can get course progress reports and grades for each learning section to help with self-awareness and encourage them to accelerate their performance by monitoring graded activities.



iOS and Android Native Application

Native applications like iOS and Android allow health workers to easily access learning materials and upgrade their skills for the immunization process and get new updates and guidelines effortlessly.

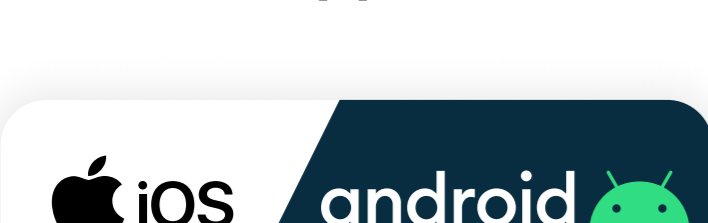


Email/SMS Notifications

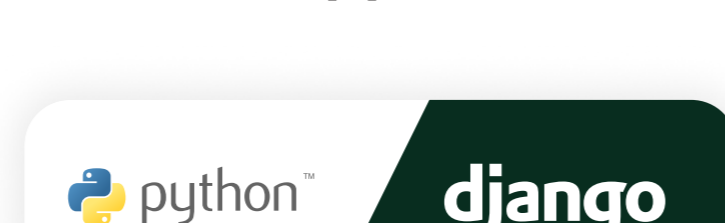
The platform also gives notifications for normal activities like course enrollment, course completion, certification generation and reminders to complete the unfinished learning modules in the course.

Technology Stack

Mobile Applications



Web Application



Open Source



Database



Supported by



Conclusion

This project has streamlined the workflow and improved the immunization process with thorough optimization in training sessions, dashboards, guideline updates, etc. DRC Systems has helped the client to boost work efficiency in healthcare delivery with preciseness in helping medical professionals.