

A Healthcare Success Story with DRC Systems

How has this healthcare platform witnessed surprising results after associating with DRC Systems?



An Overview

A healthcare facility client wanted to build a robust platform to help doctors manage patient prescriptions for repetitive medications. DRC Systems created a systematic platform to manage medications with utmost accuracy and data protection.

Business Objectives



- + Our client wanted us to create a platform where doctors and patients can connect with each other for virtual treatment without compromising treatment efficiency.
- + Our client wanted to send alert notifications through SMS and Email for Admin, Doctors, and Patients.
- + For patients, we had to work on implementing the feature of ordering multiple items from the "View Prescription" page.
- + For Admin, we had to follow a similar approach as patients; under each patient's file, allow Admin to buy multiple prescriptions at once.

Challenges

+ Prescription Refill

Many times patients need a repeat course of medications to become fully fit, which is why it was important to add refilling the prescription functionality, which was something that challenged us.

+ Confidential Delivery

As the patients create their payment process, sending them medicines through a third-party server has to be highly secured. So, maintaining confidentiality was something we took great care of.

+ URL Shortening

Sometimes, lengthy URLs could hinder the process, as all the communication is done through SMS. Thus, implementing the feature of URL shortening was a challenging job.



Solutions

+ Virtual Consultation

Our online consultation solution for doctors to treat their patients virtually with mentioned symptoms and prescriptions helped in an efficient treatment procedure.

+ Multiple Prescriptions

We have integrated a prescription functionality to help doctors send bulk prescriptions at the same time for the same categories of patients.

+ Prescription Management

Through a generated link, patients can check images of the medicines before ordering and exclude any of them already available in the stock.

Technology Stack



FRONTEND
HTML/CSS (Bootstrap 4)



BACKEND
PHP Laravel 5.8



DATABASE
MySQL

Conclusion

This platform has helped doctors and patients to connect easily for virtual treatment, prescription and medications. DRC Systems has added an additional security layer to protect the data and maintain proficiency.

