

Covid - 19 Quarantine Assistant

Abstract

The aim of Covid-19 Quarantine Assistant Portal is to improve the working methods of the existing manual system with a computerized system by increasing its efficiency. In this system, people from Kerala can easily register on the website, make request for necessary items including their medicines and can update their medical condition.

Willing volunteers are selected and assigned to different areas by the Panchayat officials. They carry out the requests of the quarantined people and look after their medical conditions. The medical staff receives each individuals test date, manages their urgent medical needs and arranges the necessary facilities. The panchayat officials make sure that everything is running well and checks if there is any complaint. The police officers can also access the details of those who are quarantined and must ensure the same.

System Requirements

- Hardware: processor Intel
- Language Used : PHP
- Operating System: Windows 10
- Browser :Mozilla, Google Chrome, Internet Explorer
- Database : MySQL 5.x
- User Interface :HTML, Javascript, CSS

Users

- Admin
- Panchayat Officer
- Volunteer
- Medical Staff
- Police Officer
- User - The Quarantined one
- Unregistered User

Admin (Superior Officer/ Administrator)

- Login
- Add / Modify Panchayat Officer
- View Police officer
- View Medical Staff
- View Volunteer
- View User
- View Feedbacks

Panchayat Officer

- Login
- Add / Modify Volunteer
- Add / Modify Police Officer
- Add / Modify Medical Staff
- Add / Modify User
- Set prices for products
- Add Government products
- Ensure real time enquiry clarifications.

Volunteer

- Login
- Modify account
- Receives updates from users and other officials
- Deliver products (via location base)
- Send feedback
- Register complaints
- Request enquiries
- View and manage payment

Medical Staff

- Login
- Modify account
- Receive updates from users and other officials
- View user and quarantine count down
- View medical request
- Arrange ambulance and hospital facility

Police Officer

- Login
- Receive updates from users and other officials
- View user and quarantine count down
- View medical reports
- Check everything alright

User - The quarantined one

- Login
- Request necessary products and medicines
- Register complaints
- Update medical conditions
- Request medical needs
- Buy products and make payments
- Enter feedbacks

Unregistered User

- Request Registration
- Apply for volunteering
- View quarantined list
- Register complaints
- Enter feedbacks