

# Vaccination System Overview

## 1. Overview

This document explains how the **Vaccination System** works — including both **Self Registration** and **Field Partner Registration** processes, along with the functionalities available in the **Doctor Portal** and **Parent Interaction Flow**.

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## 2. Self Registration Flow

### Step 1: Doctor Registration

- URL: /doctor/register
- The doctor fills out the registration form with required details.
- On clicking **Submit**, an automated **WhatsApp message** is sent to the doctor.
  - The message includes a **portal access link**.

### Step 2: Google Authentication

- When the doctor clicks the received link, they are asked to sign in using **Google Authentication**.
- The doctor must log in with the **same email ID** used during registration.
- After successful login, they are redirected to the **Doctor Portal**.

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## 3. Doctor Portal Features

The Doctor Portal contains the following main options:

- **Add Record**
- **Update Record**

- **Send Reminder**
- **Edit Profile**
- **Logout**

#### ➤ **Add Record**

- The doctor can add a **child's vaccination record**.
- After filling in the child's details and clicking **Submit**:
  - A **Vaccination Card** is automatically generated.
  - A **WhatsApp message** is sent to the **parent**.
    - The message contains a link to the **Vaccination Card**.
    - The message is in two language.

#### ➤ **Parent's Interaction with Vaccination Card**

- The parent clicks the link received on WhatsApp.
- They must enter their **WhatsApp number** to access the card.
- After logging in:
  - They can view and **update vaccination details**.
  - On clicking **Update**, they are redirected to the **Vaccination History Page**.

#### ➤ **Vaccination History Page**

- Displays all **previously taken vaccines**.
- Parents can:
  - Click on a vaccine name to watch **educational videos**.
  - Videos are available in **8 languages**.
  - Add a **new child** record if needed.

#### ➤ **Send Reminder**

- Doctors can send **reminder messages** to parents if a vaccine dose is overdue.
  - On clicking **Reminder**, a WhatsApp message is sent containing:
    - A **parent education link**, leading to vaccine information videos (in 8 languages).
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## 4. Field Partner Registration Flow

### Step 1: Partner Access

- The **Admin** provides access to the **Admin Panel**.
- The partner navigates to the URL: `/partners/new/`.

### Step 2: Upload CSV

- On the **Partners New Page**, the field partner enters:
  - **Partner Name**
  - Uploads a **CSV file** containing:
    - `rep_code`
    - `full_name`

### Step 3: Doctor Registration Link

- After uploading, a **Doctor Registration Link** is generated.
- When this link is opened, the **Doctor Registration Page** appears.
- From here, the process is the **same as self-registration** (Step 1 onward).
  - A WhatsApp message with the portal link is sent to the doctor.
  - Doctor logs in using Google Authentication.

- Accesses their Doctor Portal.

**After this the whole steps repeated parent flow**