**On the source\_code repository place all the source codes and assets and modules plugins:**

**.github/workflows/ # GitHub Actions configuration (CI/CD automation)**

**Documentations/ # Documentation backup**

**\_\_tests\_\_/ # Jest / Postman test files**

**assets/ # Images and other static resources**

**css/ # Stylesheets**

**postman/ # Postman API test collections**

**src/ # Main source code**

**.gitignore # Ignore dist, node\_modules, etc.**

**Dockerfile # Frontend container build file**

**Jenkinsfile # Jenkins pipeline configuration**

**webpack.config.js # Webpack build configuration**

**babel.config.js # Babel configuration**

**index.html # Main HTML entry point**

**script.js # Main JavaScript file**

**package.json # Project dependencies and scripts**

**How to Access smartrpd\_viewer**

**Online Access**

**The application is deployed on GitHub Pages and is always available at:**[**https://zscmngykx.github.io/smartrpd\_viewer/**](https://zscmngykx.github.io/smartrpd_viewer/)

**If a case ID is required, append it to the URL:**

**https://zscmngykx.github.io/smartrpd\_viewer/?id=YOUR\_CASE\_ID**

**Run Locally**

1. **Clone the repository**

**git clone https://github.com/zscmngykx/smartrpd\_viewer.git**

**cd smartrpd\_viewer**

1. **Install dependencies**

**npm install**

1. **Build the project**

**npm run build**

1. **Serve locally**

**npx serve**

**CI/CD Process**

* **Trigger: Any push to the main branch.**
* **Action: GitHub Actions runs automatically:**
  1. **Install dependencies.**
  2. **Build the project (npm run build).**
  3. **Deploy the dist/ output to the gh-pages branch.**
* **Result: The live site at**[**https://zscmngykx.github.io/smartrpd\_viewer/**](https://zscmngykx.github.io/smartrpd_viewer/) **updates automatically within minutes after each commit to main.**