Xt-EHR T7.2 Sub-team for Imaging Reports Model

Xt-EHR Analysis Platform

Document: DEPLOYMENT

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Analysis based on PARROT v1.0 dataset and Xt-EHR FHIR Implementation Guide

Deployment Configuration for Alternative Platforms

This project can be deployed to several GitHub-friendly platforms as alternatives to Heroku:

1. Railway (Recommended for Flask apps)

URL: https://railway.app - **GitHub Integration**: Native - **Free Tier**: Available - **Setup**: Connect GitHub repo, Railway auto-detects Flask

Railway Deployment:

Visit railway.app and sign in with GitHub 2. Click "New Project" → "Deploy from GitHub repo" 3. Select this repository 4. Railway will auto-detect the Flask app and deploy

2. Render

URL: https://render.com - **GitHub Integration**: Native - **Free Tier**: Available - **Setup**: Connect GitHub repo, configure service

Render Deployment:

Visit render.com and sign in with GitHub 2. Click "New" → "Web Service" 3. Connect this GitHub repository 4. Configure: - Build Command: pip install -r requirements.txt - Start Command: cd flask_app && python app.py

3. Vercel (For documentation/static sites)

URL: https://vercel.com - **GitHub Integration**: Native - **Free Tier**: Generous - **Best for**: Static documentation sites

4. GitHub Pages (Documentation only)

Automatically deployed via GitHub Actions - Available at: https://[username].github.io/[repository-name] - Great for project documentation

5. PythonAnywhere

URL: https://www.pythonanywhere.com - **GitHub Integration**: Manual - **Free Tier**: Available - **Setup**: Clone repo and configure WSGI

Current Setup

This repository includes: - GitHub Actions workflow for testing and documentation - Automatic GitHub Pages deployment for documentation - Ready-to-deploy Flask application structure

Next Steps

Push to GitHub repository 2. Enable GitHub Pages in repository settings 3. Choose one of the above platforms for Flask app deployment