System Architecture

System Architecture: Phishing Website Detection System	
1. User Interface:	

- A simple web form where users can input a URL.
- 2. Flask Backend:
- Receives URL input.
- Extracts features using custom script.
- Scales the features using min-max normalization.
- Loads trained Random Forest model to classify the URL.
- Returns the result to frontend.
- 3. Deployment:
- Deployed on Render with all dependencies handled in a lightweight setup.
- Ensures real-time response capability.