**Skin Module (User Interface Layer)**

**Module Name: Skin Module**

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**Purpose:**

The Skin Module is the front-facing layer of Vortexify. Built with Laravel’s MVC architecture, it provides the user interface for login, registration, deployment input, and viewing history. It maintains a clean, user-friendly experience.

**Technologies Used:**

* **Laravel 10+ (PHP 8.x)**
* **Blade Templates**
* **Laravel Auth**
* **Bootstrap**
* **MySQL** (Shared database)

**Responsibilities:**

* User authentication and session management
* Dashboard for users to input GitHub repo URLs
* View past deployment logs and access links
* Show real-time deployment status (via AJAX or API polling)
* Password reset page (via React or Blade templates)

**Routes Overview:**

* /login, /register – User authentication
* /dashboard – GitHub URL input + deployment logs
* /history – View previous deployments
* /reset-password – Password reset UI

**Views:**

* auth/login.blade.php
* auth/register.blade.php
* dashboard.blade.php
* deployment\_history.blade.php
* reset\_password.blade.php

**Integration:**

* Sends requests to Brain Module APIs
* Uses shared database for user and deployment data
* Can optionally invoke React components for enhanced UX (optional)