### 🌐 SmartCareerAI – Updated Cloud-Based Flowchart & Project Completion Report

## ☁️ Cloud Flowchart (Infographic Style)

**Actors & Interfaces:** - 👩‍🎓 **Students/Users** → Access via web portal (Career Assessment, Blogs, Reports, FAQs) - 👩‍🏫 **Counselors** → Access via portal (Manage Sessions, Provide Guidance) - 👨‍💼 **Admin** → Admin Dashboard (Manage Users, Blogs, Reports, Access Logs)

**Core Modules:** - 🔐 Authentication: Register, Login, Forgot/Reset Password, Email Verification - 🧠 Career Assessment: AI-powered aptitude tests, recommendations - 📚 Blogs & Articles: Career-related content - 📊 Reports: Personalized career reports - 💬 Counseling Sessions: Scheduling & communication - 📩 Notifications & Emails: Password resets, verification, updates

**Database (Cloud-Hosted SQL):** - users → Stores student/admin/counselor profiles - career\_assessments → Stores test results & recommendations - sessions → Handles login sessions & tokens - blogs → Manages articles & posts - reports → Stores generated career reports - password\_reset → Temporary keys for password recovery - admin\_invite\_codes → Secure admin onboarding

**Flow Overview:** 1. Users interact via **web portal** → system routes requests 2. Requests pass through **API layer (PHP)** → business logic executes 3. Application retrieves/stores data in **cloud-hosted MySQL DB** 4. Dynamic responses (career reports, blogs, sessions) sent back to UI

## 📊 Project Completion Report – August 2025

**Project Name:** SmartCareerAI  
**Owner:** Sami Amir Rizwan  
**Repository:** [Vision-2025-SmartCareerAI-PHP-Project](https://github.com/Samiamirrizwan/Vision-2025-SmartCareerAI-PHP-Project)

### ✅ Completed Modules & Features

* **Authentication System** (Register, Login, Reset/Forgot Password)
* **Admin Dashboard** with user management & blog publishing
* **Career Assessment Module** (test engine + AI recommendations)
* **Report Generation** (Personalized PDF/HTML reports)
* **Blogs/Articles Module** (career development resources)
* **Email Notification System** (for registration, password reset)
* **Database Integration** with secure relational schema
* **Basic UI/UX structure** (Home, Contact, FAQs, User Portal)

### 🚀 Current Status

* Overall Progress: **100% Completed** ✅
* Core functionality and advanced features are **live & stable**
* Project has reached **final deployment stage** with production-ready modules

### 👨‍👩‍👧‍👦 Project Contributors

* **Sami Amir Rizwan** – Project Lead & Management (Full leadership, development oversight, architecture design)
* **Aleesha Amir** – Frontend Development (UI/UX, portal pages, responsive design)
* **Syed Faiq Ahmed** – Backend Development (Database management, PHP logic, server-side features)

### 📌 Recommendations

* Maintain continuous monitoring for system scalability
* Integrate with external career/job APIs for future growth
* Enhance AI recommendation engine with updated datasets

📅 **Final Release:** August 2025  
📌 **Prepared By:** Sami Amir Rizwan (Project Leader)