Training Dashboard for Mavericks Onboarding

Problem Statement

Onboarding and training new Mavericks involves a comprehensive two-phase program: Foundation and Role-Specific Training. The Foundation program is designed to provide a holistic learning experience, covering functional, behavioral, and technical skills through experiential and business-oriented project-based learning methodologies, enhanced by gamification.

Key challenges in managing this training process include:

- **Multiple Touch Points:** Ensuring consistent communication and support to address challenges and improve the overall program.
- **Structured Learning Schedule:** Managing a daily learning schedule that includes quizzes, coding challenges, and project-based assessments.
- **Assessment Tracking:** Monitoring various assessment scores such as coding, assignments, learning completion, and external certification completion.
- **Profile Management:** Updating and maintaining the complete profile of each fresher, accessible to both candidates and administrators for analysis.
- **Reporting:** Generating downloadable reports for comprehensive analysis and record-keeping.

This solution aims to streamline the training process, ensuring that all aspects of the program are efficiently managed and tracked.

Expected Solution Overview

We will leverage an open-source AI-based multi-agent framework to decompose the workflow into specialized, cooperating agents, and expose control and status via a rich Web UI. Below are examples of the agents involved:

Agent	Role & Inputs	Outputs	Reasoning / Generative AI Use
Onboarding Agent	Fresher profiles, training schedules	Structured onboarding plans	Create personalized onboarding plans based on fresher profiles and training schedules.
Assessment Agent	Quiz results, coding challenge scores, assignment submissions	Assessment scores and feedback	Evaluate and provide feedback on various assessments to track progress.
Profile Agent	Assessment scores, certification completions, learning progress	Updated fresher profiles	Maintain and update fresher profiles with the latest

			assessment scores and achievements.
Reporting Agent	Assessment data, profile updates	Downloadable reports	Generate comprehensive reports for analysis and record-keeping.

We can use any database and synthetic data to simulate the solutions.

Web UI Design

This solution must provide both fresher candidates and administrators with web UI pages with live visibility.

For Fresher Candidates:
- **Current Training Status Dashboard:**

  - Daily Quiz Status (Completed / Pending)

  - Coding Challenge Progress (Not Started / In Progress / Completed)

  - Assignment Submissions (Submitted / Pending)

  - Certification Completion (Completed / In Progress)

- **Real-Time Workflow Progress Bar with below action items:**

  - Profile Updated

  - Daily Quiz Completed

  - Coding Challenge Submitted

  - Assignment Submitted

  - Certification Completed

For Administrators:
- **Admin Console includes:**

  - Fresher Search & Filters (by skill, department, status).

  - View agentic framework-managed queues, latencies, error rates.

  - Report Generation about training progress by individual or department.

This design ensures that both fresher candidates and administrators have real-time visibility and control over the training process, leading to more efficient and effective onboarding and skill development.