Project: BGTI Instructors Competency Dashboard

1. Overview

The **BGTI Instructors Competency Dashboard** is a React-based web application designed for **Black Gold Higher Training Institute (BGTI)**. It serves as a decision-support tool for the HR department and administration to evaluate candidates for the position of **English Vocational Instructor**.

The dashboard provides a structured, multi-modal analysis of candidates based on video interviews, linguistic audits, and behavioral assessments. It is designed to be culturally and contextually aware of the Saudi adult vocational training environment.

2. Technical Architecture

2.1 Tech Stack

- **Framework:** React (Functional Components with Hooks).
- **Styling:** Tailwind CSS (Utility-first framework).
- **Icons:** Lucide React (`lucide-react`).
- **State Management:** React `useState` hook for local UI state.

2.2 Core Component Structure (`report.jsx`)

The application is contained within a single main component `CandidateReport` which handles:

1. **Language Toggle:** Switches between Arabic (`ar` - RTL) and English (`en` - LTR).
2. **Accordion Logic:** Manages the expanded/collapsed state of detailed analysis sections for each candidate.
3. **Image Fallback:** Handles broken logo links gracefully by reverting to a text-based representation.

3. Data Model & Internationalization (i18n)

The application uses a centralized `content` object dictionary for managing bilingual content.

3.1 Data Schema

The `content` object contains keys for `ar` and `en`. Each language object follows this schema:

- **Global Labels:** `instituteName`, `reportTitle`, `disclaimer`, etc.
- **Candidates Array:** An array of candidate objects, each containing:
  - `id` : Unique identifier.
  - `name` : Candidate's full name.
  - `role` : Applied position title.

- `status` : Evaluation classification (`high` , `concern` , `low`).

- `badge` : Short status description text.

- `score` : Numerical alignment score (0-100).

- `summary` : High-level executive summary.

- `details` : Nested object for "Deep Dive" analysis:

  - `behavior` : Psychometric and behavioral analysis.

  - `language` : Linguistic accuracy and accent audit.

  - `vocational` : Suitability for adult vocational training (Andragogy).

  - `adminSuggestion` : Specific recommendation for HR action.

4. UI/UX Design System

4.1 Color Palette

The design reflects the "Black Gold" brand identity:

- **Primary:** Black (`bg-black` , `bg-slate-900`).

- **Accent:** Gold/Yellow (`text-yellow-600` , `border-yellow-500` , `bg-yellow-50`).

- **Status Indicators:**

  - **High Fit:** Emerald Green (`bg-emerald-50` , `text-emerald-800`).

  - **Concern/Medium Fit:** Amber/Orange (`bg-orange-50` , `text-orange-800`).

  - **Low Fit:** Rose/Red (`bg-rose-50` , `text-rose-800`).

4.2 Layout & Responsiveness

- **Header:** Sticky header containing the Institute Logo (with error handling), Title, and Language Switcher.

- **Main Grid:** Responsive grid layout (1 column on mobile, 3 columns on large screens) for candidate cards.

- **Cards:** Interactive cards that expand to reveal detailed "Deep Dive" information using smooth transition animations.

5. Functional Requirements

1. **Default Language:** The application defaults to Arabic (`ar`) with Right-to-Left (RTL) layout direction.

2. **Toggle Mechanism:** A button in the header instantly toggles content and layout direction between Arabic and English.

3. **Deep Dive Analysis:** Detailed qualitative data is hidden by default to keep the UI clean, accessible via an "Expand" button.

4. **Logo Robustness:** If the uploaded logo image fails to load, the UI renders a styled text abbreviation ("BGTI") instead of a broken image icon.

6. Current Content Snapshot (Candidates)

The dashboard currently evaluates three specific candidates:

1. **Dr. Sharaf Eldin Osman:** Evaluated as **High Fit**. Key strengths: PhD, patience, clarity.

2. **Ismail Ahmed Sarary:** Evaluated as **Concern**. Issues: Unprofessional interview setting, complaining attitude, fossilized grammar errors.

3. **Ahmed Al Marhoom:** Evaluated as **Low Fit**. Issues: Low English proficiency (IELTS 5.5), potential to compromise academic standards for popularity.