

# AI – POWERED MOCK INTERVIEWER ANALYSIS

The AI Mock Interviewer is:

- Technically solid
- Well-structured
- Highly useful for freshers

## 1. Overview of the AI Mock Interviewer:

The AI Mock Interviewer platform provides a structured interview simulation experience for students based on:

- Industry
- Company
- Interview Type
- Work Experience
- Job Role

Main Sections Observed:

1. Top Trending Companies
2. Start Interview Session
3. Mock Interview Records (History & Evaluation)

## 2. Functional Flow Analysis

### 2.1 Login & Dashboard

- After login, users are welcomed with:
  - Their program details
  - A clean dark-themed dashboard
- The UI looks professional and modern, suitable for a tech-focused platform.

### 2.2 Top Trending Companies Section

Current Behavior:

- Displays companies like Google, Meta, Apple, Netflix, TCS, Microsoft, etc.
- Each company card has:

- Interview Type
- Work Experience
- Job Role (dropdowns)

## 2.3 Start Interview Session Section

### Select Industry

- Data Analytics & Business Analytics
- E-commerce
- IT Services

### Select Company

### Select Interview Type

- Technical
- Behavioural
- HR

### Select Work Experience

### Select Job Role

- Only predefined roles appear

### **Observed Limitation:**

### **Job roles are static and limited**

- Same job roles appear across industries and companies
- No company-specific role customization
- No option for:
  - Custom role

## 2.4 Interview Experience & Evaluation

### Post Interview:

- Interviews are recorded and shown in Mock Interview Records
- Each record contains:
  - Role
  - Company
  - Interview Type

- Work Experience
- Date & Time
- Score
- Rubric Breakdown
- Status (Completed)
- View Report option

#### **Positives:**

Clear tracking of attempts  
Scoring system motivates improvement  
Rubric-based evaluation adds structure

## **UX/UI Review**

#### **What Works Well:**

Dark mode reduces eye strain  
Consistent dropdown design  
Clear typography  
Structured layout (Top → Action → History)

#### **UX Gaps:**

No onboarding text for first-time users  
No progress bar during interview  
No visible time estimation  
No tooltips explaining interview types or scoring criteria

## **AI & Feature Improvement Recommendations**

### **AI-Level Enhancements**

#### **◆ Adaptive Questioning**

- Questions should dynamically adjust based on:
  - User's previous answers
  - Weak areas (from past interviews)

#### **◆ Answer Feedback with Examples**

- Instead of only scores:
  - Show *ideal answer*
  - Highlight missing keywords

- Suggest better structure (STAR method)

## Job Role & Industry Improvements

- ◆ Expand job roles dynamically:
  - Company-specific roles
  - Industry-specific roles
  - Emerging tech roles
- ◆ Add **Custom Job Role** option:

## UX/UI Enhancements

- ◆ Add **guided onboarding**
  - “How to use the mock interviewer” walkthrough
- ◆ Add **Interview Progress Indicator**
  - Question 3 of 10
  - Time spent vs expected
- ◆ Improve Mock Interview Records:
  - Add trend graph (Score improvement over time)
  - Highlight strongest & weakest skills

## Camera, Audio & Interview Integrity Observations (Critical Review)

### Camera & Audio Handling Limitations

#### Current Observation:

- The platform **requests camera access**, which helps in simulating a real interview environment.
- However, **audio is not recorded automatically** throughout the interview.
- The user must **manually click “Start Recording” and “Stop Recording”** for each answer.
- Background noise, interruptions, or off-screen prompts are **not detected or flagged** by the system.

#### Issues Identified:

High chance of **inconsistent evaluation**, as:

- Candidates may forget to record answers

- Partial answers may get missed
- External help or prompts cannot be detected

### **Recommended Improvements:**

- Enable **automatic audio recording** once the interview starts
- Implement **continuous audio monitoring**
- Use AI-based noise detection to:
  - Flag unusual background sounds
  - Detect long silence or abrupt stops
- Show a **clear visual indicator** (mic ON / recording active)

## **Screen Share & Proctoring Gaps**

### **Current Observation:**

- Screen sharing is **not mandatory**
- Users can:
  - Switch tabs
  - Use external resources
  - Refer to LLM-generated answers or notes unnoticed

### **Risks:**

Compromises **interview authenticity**

Makes evaluation unreliable for placement readiness

### **Recommended Enhancements:**

- Make **screen sharing mandatory** before starting the interview
- Restrict interview to **single-tab / full-screen mode**
- Detect:
  - Tab switching
  - Window minimization
  - Screen share stop events

### **Proposed Action on Violation:**

- If tab switching or screen sharing is stopped:
  - Display a warning (1st time)
  - Automatically **terminate the interview** on repeated violation
  - Mark interview status as “**Terminated – Integrity Violation**”

## **Impact of These Enhancements**

- Improve interview fairness
- Increase credibility of scores
- Make the platform closer to **real corporate interviews**
- Enable Futurense to confidently use results for **placements & certifications**

## **Futurense AI Mock Interviewer stands out by:**

- Strong role-based filtering
- Rubric-based evaluation