### **How It Works**

1. **Job Description Generator**:
   * Enter the job title, required skills, and experience level.
   * Click "Generate Job Description" to create a job description.
2. **ResumeRanker**:
   * Paste the job description (generated from the JD Generator tab or manually entered).
   * Upload one or more resume files (TXT, PDF, or DOCX).
   * Click "Rank Resumes" to rank the resumes based on their match with the job description.
3. **Email Automation**:
   * Enter the recipient’s email, subject, and body.
   * Click "Send Email" to send the email.
4. **Interview Scheduler**:
   * Enter the candidate’s email, interview date, and time.
   * Click "Schedule Interview" to schedule the interview.
5. **Interview Agent**:
   * Enter an interview question and the candidate’s response.
   * Click "Submit" to get a follow-up question or feedback.
6. **Hire Recommendation**:
   * Paste the interview transcript.
   * Click "Evaluate" to get a Hire/No-Hire decision.
7. **Sentiment Analyzer**:
   * Paste the interview transcript.
   * Click "Analyze" to analyze the sentiment.

### **Running the App**

1. Ensure all the individual scripts (jd\_generator.py, resume\_ranker.py, etc.) are in the same directory as tabbed\_interface.py.
2. Run the main script
3. **python tabbed\_interface.py**
4. The Gradio app will launch in your browser at http://localhost:7860.

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### **Example Workflow**

1. **Job Description Generator**:
   * Enter the job title, skills, and experience level.
   * Click "Generate Job Description" to create a job description.
2. **ResumeRanker**:
   * Copy the generated job description and paste it into the "Job Description" input box.
   * Upload resumes and click "Rank Resumes" to rank them.
3. **Email Automation**:
   * Send an email to a candidate with an interview invitation.
4. **Interview Scheduler**:
   * Schedule an interview and send a calendar invite.
5. **Interview Agent**:
   * Conduct an AI-driven interview with follow-up questions.
6. **Hire Recommendation**:
   * Evaluate the candidate based on the interview transcript.
7. **Sentiment Analyzer**:
   * Analyze the emotional tone and confidence level of the candidate’s responses.

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### **Summary**

* The app now includes **7 tabs**:
  1. Job Description Generator
  2. ResumeRanker
  3. Email Automation
  4. Interview Scheduler
  5. Interview Agent
  6. Hire Recommendation
  7. Sentiment Analyzer