**Industry Expert/Domain Specialist Consultation Report**

**DHA Suffa University**  
**Computer Science**  
**Final Year Project Consultation Report**  
**Project Title: Skill Scope Student(s) Name(s): Ali Salman,Hasnain Hafeez,Syed Rizwan Hussain ,Hasan Ali Zain**   
**Supervisor: Miss Tehniat Mirza Co-Supervisor: Miss Sumera Hashmi**  
**Date of Consultation: 9-11-2024**

**1. Expert Consultation Details**

* **Expert's Name**:Syed Hassam Jawed
* **Expert's Position/Role**:Software Engineer
* **Organization/Institution**:Vertica Limited
* **Area of Expertise**:Full Stack Developer
* **Consultation Method** : Meeting
* **Date(s) of Consultation**:26-10-2024

**2. Summary of Consultation**

Provide a brief summary of the key discussion points during the consultation. This should cover the following areas:

* **Problem Validity**:
  + The expert confirmed that *SkillAlignr* addresses a real and relevant problem in career guidance, especially for students entering tech fields. They highlighted the growing need for data-driven platforms to help students navigate complex career paths.
  + Additional insights included the importance of integrating real-time job data to keep recommendations aligned with market changes
* **Solution Feasibility**:
  + The expert agreed that the proposed solution is feasible and can be implemented with current technologies (e.g., APIs like JSearch).
  + They suggested refining the recommendation algorithm to include specific skills based on job trends and recommended exploring natural language processing (NLP) for skill extraction from resumes.
* **Industry Relevance**:
  + The expert confirmed that *SkillAlignr* is well-aligned with industry trends, addressing the demand for career path guidance in IT and Computer Science.
  + They recommended incorporating industry-specific practices, such as highlighting emerging tech skills (e.g., AI, cloud computing) and providing insights into remote job opportunities.
* **Technology & Tools**:
  + The expert validated the choice of APIs (JSearch, LinkedIn) for job data and recommended tools like Python for data processing and NLP.
  + They also suggested exploring Streamlit or Flask for a lightweight, web-based frontend if scalability is a priority.

**3. Key Recommendations and Feedback**

* Project Scope: Consider focusing on a few core fields (e.g., data science, web development) initially to validate the platform’s effectiveness before expanding.
* Technology Exploration: Explore using ML models for improved skill matching and clustering algorithms to find skill combinations based on demand.
* Industry Standards: Incorporate industry standards for data security and user privacy, especially if handling sensitive user information.
* Additional Features: Implement a feedback system for students to rate recommendations, helping improve platform accuracy over time.

**4. Expert's Confirmation and Approval**

* **Expert's Signature**: Syed Hassam Jawed
* **Date**: 27-10-2024
* **Comments/Approval Statement**:  
  "I endorse *SkillAlignr* as an innovative solution for career guidance in the tech field, addressing a real need among students and recent graduates. The project aligns with industry demands and has potential for significant impact with further development."

### ****DHA Suffa University****

**Computer Science**  
**Date of Submission:9-11-2024**