FORMATIVE ASSIGNMENT

[**CreativeConnect**]

- **Description of the concept of their Mission;**

CreativeConnect's mission is to bridge the employment gap for individuals in arts, design, and culture in underserved communities by providing them with job opportunities, training, and mentorship. Its relevance lies in addressing unemployment and underemployment, particularly in areas where creative talent is abundant but opportunities are scarce.

Problem statement:

Creative individuals in underserved areas face significant barriers to employment due to:

- **WHO**: Artists, designers, and creatives in underserved regions.
- **WHAT**: Struggling to find job opportunities and access training resources.
- **WHEN**: Continuously, as there is no centralized platform specifically for creative job seekers in these areas.
- **WHERE**: Mainly in rural or underdeveloped regions with poor internet infrastructure.
- **WHY**: Due to a lack of opportunities, limited access to training, and poor networking tools.
- **HOW**: By providing a job platform that works offline, offers mentorship, and provides training, CreativeConnect aims to close these gaps.

Due: **31 January 2025, 23:59 PM**

Suggested Solution

CreativeConnect offers a solution that includes job listings, training resources, mentorship, and project collaboration features, all accessible via mobile app or website. Its key innovation is the ability to function offline and via SMS, making it accessible to areas with poor internet connectivity, a feature most existing platforms lack.

- **Software development model**
  CreativeConnect will adopt an **Agile** development model, which emphasizes continuous user feedback and iterative improvements. This model is suitable because it allows for

phased development:

- **Phase 1**: Building the job board and profile features.
- **Phase 2**: Adding training and mentorship tools.
- **Phase 3**: Introducing project collaboration and offline capabilities. This ensures the platform remains responsive to the community's evolving needs, offering flexibility and adaptability throughout the development process.
- **The hypothesis of their solution**

Once CreativeConnect is fully deployed, we anticipate the following outcomes:

- A 30% increase in job placements for creative individuals within underserved communities.
- More creatives will have access to affordable training, with over 100 courses offered.
- 20% growth in collaborations between creative professionals within one year.
- Higher income levels for users within the first 12 months due to improved access to job opportunities and skills development.

  References

  (what do you anticipate will happen once you deploy a workable solution?)
  Use APA Referencing Style

The deadline for the submission of the assignment is in the 4th week on 31 January 2025, 23:59 PM.

The assignment will be marked out of **10 points**]

Software Requirements Specification (SRS) Template

Title :Creative Connect

Prepared by John Kwizera

African Leadership University.

17th January 2025

Revision History

Name	Date	Reason For Changes	Version
John kwizera	17th Jan 2025	Initial Draft	1.0

1. Introduction

1.1 Purpose

This document specifies the software requirements for **CreativeConnect**, a job platform designed for creative individuals in underserved communities. The document covers all aspects of the system, from job listings and training modules to mentorship and project collaboration features. This SRS applies to the initial release, including both web and mobile versions.

1.2 Document Conventions

This SRS uses standard fonts and formatting for ease of reading. All high-priority requirements are marked with "must," while optional features are marked with "should." Each requirement is independently prioritized, and special terms are explained in the glossary section.

1.3 Intended Audience and Reading Suggestions

This document is intended for developers, project managers, testers, and stakeholders, such as the community partners and end-users. Developers should focus on the detailed functional and non-functional requirements in sections 3 and 5. Stakeholders may want to review the product scope and overall description sections first for a high-level understanding.

1.4 Product Scope

CreativeConnect is a job platform that connects creative individuals in arts, design, and culture with employment opportunities, training, mentorship, and collaborative projects. Its primary goals are to reduce unemployment, enhance skill sets, and foster a strong creative community. The platform's mission aligns with broader corporate strategies of improving job access in underserved communities.

2. Overall Description

2.1 Product Perspective

CreativeConnect is a new platform tailored to underserved regions with limited internet access. It is a standalone product designed to connect creative job seekers and employers while offering training and mentorship. No previous system is being replaced, but the platform does integrate job board functionalities similar to those found on major employment sites, with added features for offline and SMS-based access.

2.2 Product Functions

The platform will allow users to:

- **Job Listings**: Search and apply for jobs posted by employers.
- **Training**: Access free or low-cost courses in creative fields.
- **Mentorship**: Connect with experienced professionals.
- **Collaboration**: Find partners for creative projects and apply for funding.

2.3 User Classes and Characteristics

- **Job Seekers**: Individuals from underserved areas with creative skills.
- **Employers**: Companies or organizations looking for creative talent.
- **Mentors**: Experienced professionals offering guidance.
- **Administrators**: Users managing the platform's content and user accounts.

2.4 Operating Environment

The platform will operate on mobile devices (Android, iOS) and web browsers (Google Chrome, Microsoft Edge). It will also offer SMS-based access for users in regions with unreliable internet connections.

2.5 Design and Implementation Constraints

Key constraints include:

- The need to function offline or via SMS in areas with limited internet connectivity.
- Adherence to local data protection regulations for user information.
- The use of mobile-friendly and lightweight design to ensure compatibility with low-end devices.

2.6 User Documentation

The platform will include a user manual, online help guides, and tutorials. These will be available in multiple languages, with English as the default language. Additional formats include PDF and video tutorials for new users.

2.7 Assumptions and Dependencies

- The platform assumes that users have access to at least a basic mobile phone for SMS features of smart phones for full functionality.
- The project is dependent on collaboration with telecom providers for SMS capabilities and integration with existing job platforms for job listings.

3. External Interface Requirements

3.1 User Interfaces

The user interface will be intuitive and simple, with screens for user registration, job search, profile creation, and training modules. A consistent layout will be maintained across all interfaces, with clear navigation buttons and standardized error messages.

3.2 Hardware Interfaces

The system will interface with mobile devices and standard computers. Supported devices include Android and iOS smartphones, as well as basic mobile phones for SMS-based interactions.

3.3 Software Interfaces

CreativeConnect will interact with external databases for job postings, training resources, and mentorship opportunities. Integration with existing job platforms will be handled through APIs.

3.4 Communications Interfaces

The platform will use HTTP/HTTPS for all web-based interactions. SMS communication will rely on standardized formats, and user notifications will be sent via email or text. Basic security measures, such as encryption, will be implemented to protect data during transmission.

4. Requirement Specification

STAKEHOLDER REQUIREMENTS SPECIFICATION

Functional Requirements

Req ID	Requirements	Description
FR 1	**Job Listings**	
FR 1.1	Employers can post jobs and review applications.	
FR 1.2	Send QC Slip Information	
FR 2	**Training**	
FR 2.1	Provide access to a library of free or low-cost training courses	
FR 2.2	Track user progress through courses.	
FR 3	**Mentorship**	
FR 3.1	Connect job seekers with mentors.	
FR 3.2	Enable communication between mentors and mentees via messaging.	
FR 4	**Collaboration**	

FR 4.1	Provide users with the ability to post projects and find collaborators.	Display completed QC Slip in a dashboard and allow the user to select a QC Slip
FR 4.2		
FR 4.3		
FR 5		
FR 5.1		

5. Other Nonfunctional Requirements

5.1 Example of Non-Functional Requirements (EDIT THIS PART)

Requirement Type	Req ID	Description
Security	NFR 1	● User data must be encrypted during transmission and at rest.
Performance	NFR 2	● The system must support up to 1,000 concurrent users without degradation in performance.
Usability	NFR 4	● The platform must be accessible in both online and offline modes, with support for SMS-based access.
Cross Browser Support	NFR 6	● The platform must function on at least two browsers, including Google Chrome and Microsoft Edge.

Requirement Type	Req ID	Description
Technology	NFR 7	● The platform must be compatible with Android and iOS mobile devices.

6.   Appendix

Appendix A: Glossary

- **API**: Application Programming Interface.
- **SMS**: Short Message Service.
- **GUI**: Graphical User Interface.

Appendix B: Analysis Models

- Data flow diagrams and user journey maps will be added in future releases.