

Identification of Organization and Project Professional Conduct

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I hereby declare that I did not plagiarise the content of this assignment and that this is my own work.

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1 IDENTIFICATION OF ORGANIZATION

UVIWE NGO is a South African organization based in Port Elizabeth, Eastern Cape. It focuses on the well-being and development of vulnerable children and families in the region. Uviwe, which means “you are heard” in IsiXhosa, strives to create a society where children are safe, nurtured, and provided with opportunities for growth and development. Uviwe works with children and youth who are active change agents and who can speak up and stand against violence, abuse, and abandonment. The organisation believes in the ability of every child, family, and community to shape a child’s life. Uviwe offers a range of programs and services to address different aspects of child welfare. This may include Early childhood development, Child protection, Family support, and Youth development.

2 PROBLEM DOMAIN

2.1 Problem Statement

Uviwe has been manually tracking and recording its financial transactions and learners’ attendance for the past few years. According to research within the organisation, the current manual system is inefficient, prone to errors, and lacks transparency. In addition, time-consuming for the personnel and quite inconvenient. Furthermore, the NGO lacks a digital fundraising mechanism, which makes it more difficult to obtain financing and boost revenue.

2.2 Problem Solution

Uviwe needs a digital solution to track and record all financial transactions and learners’ attendance. All business operations will be digitized and incorporated into a new android mobile application. This will provide a solution for the NGO's present issues. The mobile application should be user-friendly, secure, and scalable to meet the NGO’s growing needs.

3 BUSINESS PROCESS

The aim of this project is to develop an android mobile application that will help UVIWE NGO to track and keep records of various aspects of their day-to-day business processes such as finances, students’ attendance, etc. The application will allow users to enter data using different formats (text, numbers, images, etc.), and generate

reports and charts to visualize their progress and trends. The application will also have features such as reminders, notifications, backups, and synchronization across devices.

4 SYSTEM REQUIREMENTS

Frontend

To develop an android mobile application, firstly, we need to have a computer with a Windows, Mac, or Linux operating system. Secondly, we need to install Android Studio, which is the official integrated development environment (IDE) for android development. Thirdly, we need to have a compatible android device or emulator to test the application. Fourthly, we need to have a Google account to access the Google Play services and other API's.

Backend

To develop an android mobile application backend, we need a server that can host the application logic and data. We can use Google Cloud or Azure. Secondly, we need a database that can store and retrieve the application data. For this we can use a relational database such as MySQL, SQL server, or a non-relational database such as Firebase. Thirdly, we need to decide on a programming language and framework that can handle the application logic and communication with the frontend. We can use Java or Kotlin. Fourthly, we need a testing and deployment tool that can help with debugging and deployment of the application to the server. We can use Android Studio.

5 FUNCTIONS OF THE SYSTEM

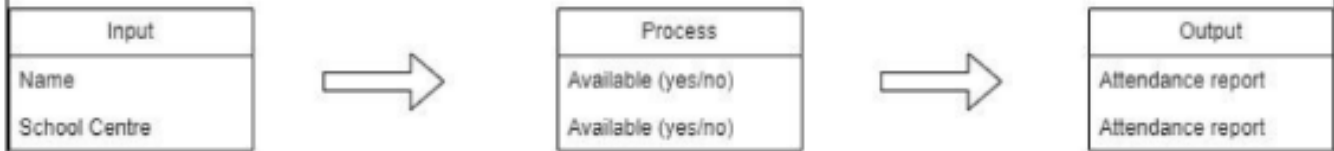
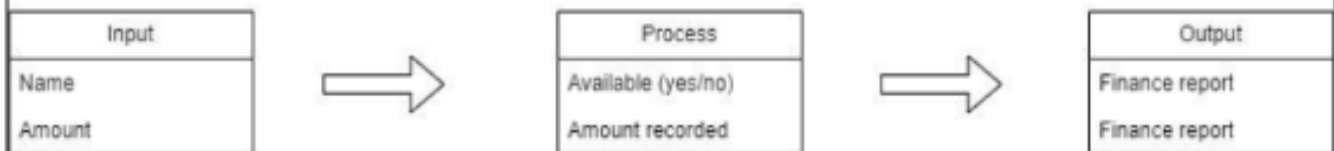
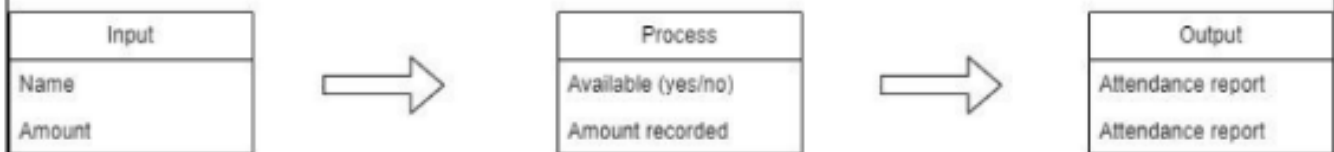
The system for the android application has three main functions: tracking and recording financial transactions, learners' attendance, and donations. The system allows users to enter, edit and view data related to these functions in a secure and user-friendly way. The system also generates reports and statistics based on the data collected. The system aims to help Uviwe NGO manage their finances, monitor their learners progress, and support their donors effectively.

6 STAKEHOLDERS AND THEIR FUNCTIONS

Stakeholder Analysis

Name	Department / Company	Position	Advisers	Objectives, Requirements, Interests	Influence	Project Contribution	Resistance
Trudie Bener	Uviwe	HR and Operations Manager	IT, HR administrator, General staff	Increase productivity, Increase revenue	High	Provides information, approves deliverables	Concerned about disruptions during project
Deidre Bermoskie	Uviwe	IT and HR administrator	HR and Operations Manager, General staff	Increase productivity, Increase revenue, Improve IT systems	High	Provides information, approves deliverables, supports work	Concerned about process changes
Reece Wanvig	Varsity College	Lecturer	Academic administrators	Increase productivity, increase services offered, improve IT skills	High	Supports work, approves expenditure, approves deliverables	concerned about budget and schedule
Andele van Heerden	Varsity College	Lecturer	Academic administrators	Increase productivity, increase services offered, improve IT skills	High	Supports work, approves expenditure, approves deliverables	concerned about budget and schedule

7 INPUTS, OUTPUTS AND PROCESSING COMPONENTS

Attendance Report:Finance Report:**Finance Report:**Donation Report:**Donation Report:**

8 REFERENCE LIST

Gido, J., Clements, J., Baker, R., Harinarian, N. and Eresia-Eke, C. 2022. Successful Project Management in South Africa. 2nd ed. Andover: Cengage Learning.