**Software Requirement Specifications(SRS)**

For

**PAYUNIT**

Version 0.0.1

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# INTRODUCTION

Payunit is an online payment system that will solve the problem of time and distance. In our society there is a rise in technology and then comes the problem of time and distance (walking to a bank to save money etc) and so there is a problem with efficiency (the time taken to deliver a service is longer). It takes a longer time to serve a client and causes so much problems and there is mismanagement of time.

Payunit cones in to solve the problem of time management as this program will help you interact with your savings at the comfort of your home or job site without having to stand in a queue. It also brings you ease as with just your smart phone you are able to access your bank accounts and do more.

## PURPOSE AND INTENDED AUDIENCE

The purpose of this document is too actually ease and facilitate the use of the program. So this document will give a basic understanding of this program.

This document is made specifically for the sponsors of this program and also for everyone who will have to or want to use this program. Everyone who will be part of the users of this program this document is intended for you to ease and make your use of the program less stressful and less complicated.

## PROJECT SCOPE

This project will be able to handle client information. Moreover, this project will be able to handle the registration of new clients into the system and also link clients to other programs that are related to this program.

Coming to the other side this program won’t be able to host or store client information and it won’t be able to store information of newly registered clients.

## TERMS, DEFINITIONS AND ACRONYMS

**Etc**: just to name a few

**IT** **team**: Technical team

## REFERENCES

This program is made with reference to Payunit.net the Payunit website.

# OVERALL DESCRIPTION

## PROGRAM PERSPECTIVE

Payunit is an outstanding and much reliable online program for all clients. Payunit is a program on its own (is not a project from another project or a branch of another program) and stand out to solve the problems we have with financial institutions. Payunit relies on no external site for functionality meaning its functioning is 100% guaranteed. One problem that this program solves is time management and so there is little or no delay with the client and so this gives this program high efficiency (doing more work in lesser time).

With this program unsupported sites are restricted and so data is well secured so there is no fear of data mishandling as your information is well secured.

Payunit works in sync with financial institutions like MTN, ORANGE, PAYPAL, EXPRESS UNION and more so you are sure to find your choice platform with Payunit. One outstanding and client friendly measure with Payunit is its charges are not high. Payunit will not or does not put outrage charges or high charges.

## PROGRAM FEATURES

Payunit carries a good number of beneficial activities such as

* Updating client account. The clients account will be updated automatically without a pause in the website and without stopping client access.
* Protecting client online information
* Upgrading client investments. Trusted clients will have benefits added to their investments

## USER CLASSES AND CHARACTERISTICS

Starting out with the user classes, Payunit is open to all user classes able to handle the internet and Payunit is an online program so users must be able to access the internet. Moreover, Paynit is also accessible with devices such as android phones laptop, computers in short all digital devices that can access the internet.

Payunit can’t be accessed by devices lesser than android in term of mobile phone but will be well accessible with all smart phones, ipads and more.

Payunit is all well a program used to pay salary so salary earners and those who work on salary are a good class of users with Payunit. Payunit also saves your money and so everyone with a restriction of ages less than eighteen (18).

## OPERATING ENVIRONMENTS

This program will be accessible at all times and anywhere (there are no restrictions as to where and when the program can be accessed be it at night or day or in the house at work, in school, anywhere so long as there is a device that can access the internet).

## DESIGN AND IMPLEMENTATION CONSTRAINTS

This program is linked with financial institutions like MTN, ORANGE, PAYPAL, EXPRESS UNION and needs no particular or specific hardware to access it. All that is need is access to the internet.

## ASSUMPTIONS AND DEPENDENCIES

* Payunit assumes you are able to access the internet and run some basic functionalities with the internet like filling a form etc.
* Payunit assumes you are familiar with at least one of its payment methods
* Payunit assumes you have a basic knowledge of finance

As for dependencies Payunit depends on two major key factors which are

* Device able to access the internet
* Good network or internet connection

# SYSTEM FEATURES

The system will have lots of functionalities with respect to all the user classes.

The users will be able to:

* Deposit into the system
* Withdraw from the system
* Get registered in the system
* Change and update profile information (name, picture, address, phone number, etc)
* Send fund to another user in the system
* Write a report to the system in case of inconveniences.

Some functionalities will be handled only by the manager or the IT team alone such as:

* Responding to client report
* Admitting new clients into the system
* Deleting or removing clients from the system when need arises
* Updating and upgrading the system (adding or removing some functionalities)
* Approving transactions.
* Updating clients with messages

# NON-FUNCTIONAL REQUIREMENTS

Payunit is a system with a large generality that’s it is linked to other top financial institutes and is very portable. With just your smart phone wherever you are, you can access the system and the system has no restrictions towards usability so you can visit the system as many times and possible with no restrictions.

The system is not dependent on human factors like weather or topography but is purely and solely dependent on your network connection. With regards to human factors, the system is restricted to the blind as the audio component of the system still being developed.

Speed is one thing that is very vital and counts a lot to any system and Payunit does its work at high speed and is trustworthy and reliable so at any time you can access your account be it on weekends or whenever. Payunit is supported by all devices mobile, android, ipad, computers all devices that have access to the internet.

# EXTERNAL INTERFACE REQUIERMENTS

## USER INTERFACES

With Payunit what is needed as basic hardware requirement from the client is a device the can access the internet

## HARDWARE INTERFACES

There are no hardware restrictions or extra devices needed

## SOFTWARE INTERFACES

The only external input files into the system is the Payunit API

## COMMUNICATION INTERFACES

no communication interfaces needed