**MULTIPLEX UGANDA**

**Stage: Initiation**

**Project Proposal**

**2016**

**Mobile application, Tracking**

|  |  |
| --- | --- |
| **Project Sponsor:** | MULTIPLEX |
| **Author (Business):** |  |
| **Author (MIS):** |  |

**Date: [20/08/2016]**

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# Project Details

## Summary

An Online web application to track the MULTIPLEX

Business Objectives

The main objective of this project is to create a mobile application that will provide accessible and accurate information to clients concerning Multiplex street parking services

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| --- | --- |
| **Objective Number** | **Objective Description** |
| 1. | Assess existing system/database |
| 2 | Create mobile application |
| 3 | Link mobile application and database |

## Deliverables and Limits

* *This system should be available to all Multiplex clients with a smart phone running Android Operating System*
* *This system should be available to Multiplex employees with a smart phone running Android Operating System*

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| --- | --- |
| **Deliverable Number** | **Deliverable Description** |
| 1. | Proposal and acceptance of the proposal. |
| 2. | System design and mock-up /use cases |
| 3. | Hosting services and system implementation |
| 4. | System testing and debugging |
|  |  |

# PROJECT BENEFITS and COSTS

This project will provide quick online transaction and operations to MULTIPLEX clients.

This project will provide accurate real time information to multiplex clients.

The project will provide accurate and real time information to multiplex employees

The project will be carried out for a period of two (2) Month.

The project will commence as soon as this proposal is accepted and the proposed system is satisfactory to MULTIPLEX with a payment of 50 % of the agreed fees is made.

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| **Module** | **Assumptions** |  | **Costs(UGX)** | **Supplementary modules** |
| **1.System design and architecture** | An existing database in place detailed with parking slots, users, access credentials and parking information i.e prices, periods and locations |  | 4,000,000/= |  |
| **2. UX and UI** | No existing mobile application is in place need to design the use interface and data flow |  | 3,000,000/= |  |
| **3. Mobile application development** |  |  | 2,000,000/= |  |
|  |  |  |  |  |
| **Miscellaneous** | Transport, airtime ,internet etc. |  | 10%(total cost) |  |
|  |  |  |  |  |
| FEATURES | | | | |
| **Mobile Money Payment Integration for registration** | Mobile money API is available across all networks (This will easy parking payments) |  |  |  |
| **Reporting modules** | (Highly Dependent on the Agreed data to be collected) |  |  |  |
| **Real time parking slot status and location(maps and locations )** |  |  |  |  |
| **Notification and alerts** | **For due payments and current status** |  |  |  |
|  | **SUB TOTAL** |  |  |  |
|  |  |  |  |  |
|  | TOTAL |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** |  |
| System architecture and design |  |  |  |  |  |
| System mock up |  |  |  |  |  |
| Database design |  |  |  |  |  |
| System and application programming |  |  |  |  |  |
| System debugging |  |  |  |  |  |
| System testing |  |  |  |  |  |

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**Stage: Scope of Work**

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# PROJECT SCOPE OF WORK

MULTIPLEX is divided into the functional components listed below. The components are tightly integrated. Data entered into any component flows throughout the system to those processes that use the data.

* **Mobile application:** this is for data mobility and accessibility by the individual or organisational users.

# Project Activity Timeline

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|  | **ACTIVITY SCHEDULE** | | | | | | | | | | | | |  |  |  |  |
| No | **Activity** | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** | **Week 9** | **Week 10** | **Week 11** | **Week 12** | **Week 13** | **Week 14** | **Week 15** | **Week 16** |
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