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SCHOOL OF COMPUTING AND INFORMATICS TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE
BACHELOR OF SCIENCE IN COMPUTER SCIENCE
YEAR 2
BIT 2207 RESEARCH METHODOLOGY

Course Work: Assignment

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1 INTRODUCTION

This document proposes the development of an automated monitoring of Ambiguous street parking bills .The system shall focus on how car owners will access their street parking dues ,in a clear summarised but well organised form .This shall erase any Suspicion, as all the information shall be at their(car owners) exposal .

2 BACKGROUND

Multiplex Limited Uganda is a private civil construction company and street ticket parking company. Multiplex Limited records information about cars parked on kampala streets, stores the data collections in a database that can be accessed by their cilents from their offices or use mobile phones through mobile money that only shows the a specific block amount to be paid. This could result into denial of payment or furiously storming multiplex offices in need of knowing ,the ambiguous accumulation of parking dues .Generally causing inconveniences to car owners and multiplex officers ,in the struggle to explain accumulation of dues or the reason for having clumped a car .

2.1 Problem statement

Continuous doubt in bills to foot accumulated due to street parking, leaves a lot of car owners with in Kampala disenfranchised from access to clear reports by Multiplex Limited. This arises from current poor report generation, which lacks the ingredient to convince defaulters with a breakdown summary of how the total amount due arises. A remedy to monitor bills would rather erase ambiguity with this current system.

2.2 Scope

The development of a web based database that will capture parking details, provide data security, help administrators to monitor bills, give online guidance on how to pay their bills for car owners parking on Kampala streets.

2.3 General objective

The main goal of this project is to make it, swift and efficient for all users of the system monitor bills arising from parking on Kampala streets

2.4 Specific Objective

To locate all areas where parking of vehicles can take place and have agents recording number plate of any car that is parking.

To make sure every time a record is made by the agent, the car owner gets notified through SMS. The SMS should include location, duration of parking and amount he has been charged.

To make payment as easy as possible using cash or through mobile money.

2.5 Significance of study

Save time by reducing the downtime involved queueing up to check bills. Aswell enable comfort and convenience of accessing parking dues from anywhere at any time