

Public Parking in Kampala

CSCD015 *

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1 Problem Statement

The problem this research has addressed is the drivers' lack of real time knowledge about the available parking spaces around different public places in Kampala City. This in turn leads to uncertainties in the daily activities of drivers and a heavy traffic load and jam on the roads. It also paralyses traffic jam in many busy areas hence leading to time wastage and issuance of traffic tickets to many drivers.

2 Main Objectives.

The major purpose of this research is to find ways of letting drivers have prior and real time knowledge about and locations of the nearby public parking areas or spaces and to also show the route the user must take to reach the parking area and also be able to provide user with necessary information of status of any changes in the parking area that might happen in real time.

3 Specific objectives

To carry out prior investigation in order to find the specifics about different parking arenas and the constraints in their operation.

To put up a working computerized system so that it provides real time information to the drivers.

To carry out sensitization among drivers in order for them to get to know about the system and also use it effectively.

To do system evolution in future to meet future user needs and expectations.