

CARS IN UNIVERSITIES

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1 Introduction

1.1 Background

Some college campuses are more walkable than others so the convenience of having cars on campus varies. These cars are owned by different classes or groups and amongst these are lecturers, students, government, police, diplomats and other groups.

1.2 Objectives

The objectives of this research problem are: To reduce on congestion within the university To ensure and improve security To know the type of cars that enter the university To know the time cars enter and also leave the university To know the people that own the cars that come to the universities

2 Methodology

2.1 Research Questions

The research questions to be answered by this research problem are: What type of people enter the university? Which location or university? What type of cars enter the university? How many cars are estimated to enter the university? What time do they enter and leave the university?

2.2 Sample

The sample size for this research problem covered only 3 universities in the country and all these were government institutes i.e. Makerere University, Kyambogo University, and Makerere University Business School.

2.3 Data Analysis

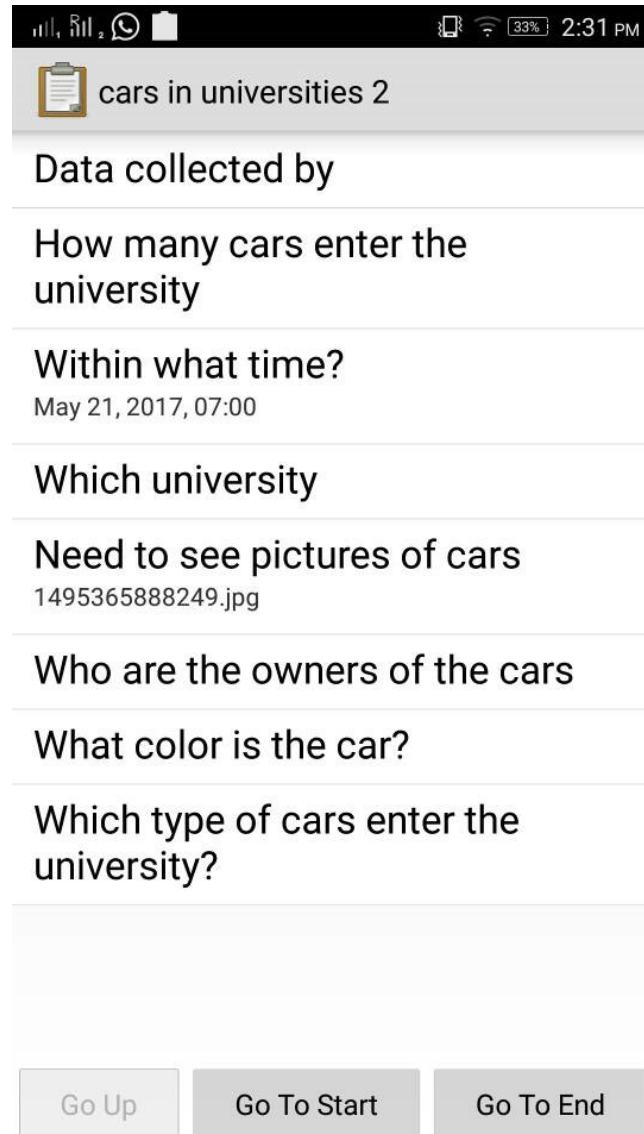
Data was entered using (ODK) Open Data kit software and analysis of the data was done using aggregate software.

2.4 Limitations

The beneficiaries were not willing and ready to give accurate information. The sample size was too small to give enough information. Time and finances were not enough.

3 Results

3.1 Questions



The screenshot shows a mobile application interface for data collection. At the top, there is a status bar with signal strength, Wi-Fi, battery (33%), and time (2:31 PM). Below the status bar is a header bar with a clipboard icon and the text "cars in universities 2". The main content area consists of several sections separated by horizontal lines:

- Data collected by**
- How many cars enter the university**
- Within what time?**
May 21, 2017, 07:00
- Which university**
- Need to see pictures of cars**
1495365888249.jpg
- Who are the owners of the cars**
- What color is the car?**
- Which type of cars enter the university?**

At the bottom of the form, there are three buttons: "Go Up", "Go To Start", and "Go To End".

fig 1

3.2 Answers to Form1

The screenshot shows a mobile application interface for a form titled "cars in universities 2". The form contains several sections with labels and user input. At the top, there is a status bar with signal strength, Wi-Fi, battery (34%), and time (2:26 PM). The form sections are as follows:

- Data collected by:** Timothy Muwanguzi
- How many cars enter the university:** 200
- Within what time?:** May 21, 2017, 07:00
- Which university:** MUK
- Need to see pictures of cars:** 1495365888249.jpg
- Who are the owners of the cars:** Lecturers Students Government Police Hostels Others
- What color is the car?:** Black Green Cream Brown
- Which type of cars enter the university?:** (This section is partially visible and has no input shown)

At the bottom of the form, there are three buttons: "Go Up", "Go To Start", and "Go To End".

fig 2

4 Appendices

4.1 Pie Chart for the Output

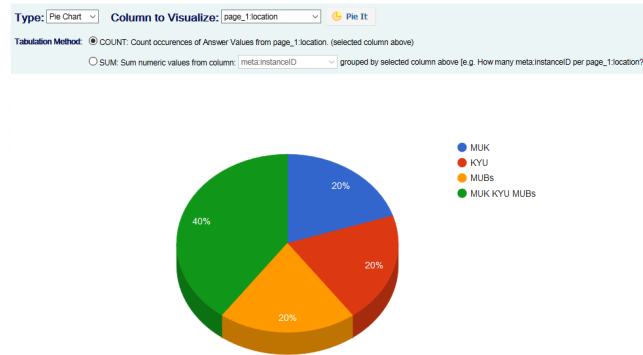


fig 3

4.2 Form designing

[no group caption text yet] page_1
display on one screen

Data collected by
name

How many cars enter the university
number_of_cars

Within what time?
time_of_the_day

Which university
location

fig 4

[no group caption text yet] page_2
display on one screen

Need to see pictures of cars
photo

Who are the owners of the cars
owners

What color is the car?
car_color

Which type of cars enter the university?
model

fig 5