

# A REPORT ABOUT MAKERERE UNIVERSITY STUDENTS FAVORITE SMART PHONES

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## 1 ABSTRACT

This report contains information of favorite smartphones for some Makerere University students studying different courses . Data is taken randomly from any student found either in the University or Outside the boundaries of the University. Further, the records are inserted into a database through internet to a sever which is connected to ODK collect , an android application that connects with the aggregate server.

## 2 INTRODUCTION

It is well known that different people have got different taste and preferences , therefore it is a good idea to take data from each person to compare and contrast the overall welfare of the citizens in the country. This report therefore specifically aims at collecting data from Makerere University students and record

their favorite or desired smartphones they possess or they wish to have in the nearby future.

## 2.1 OBJECTIVE

Acquiring information of some Makerere University students so as to know the preferences of most students in the university. This helps to determine the students' welfare as preferences contributes part of the students' standards of living.

## 3 RESEARCH SCOPE

The project scope is has got a geographical scope.

### 3.1 GEOGRAPHICAL REPORT

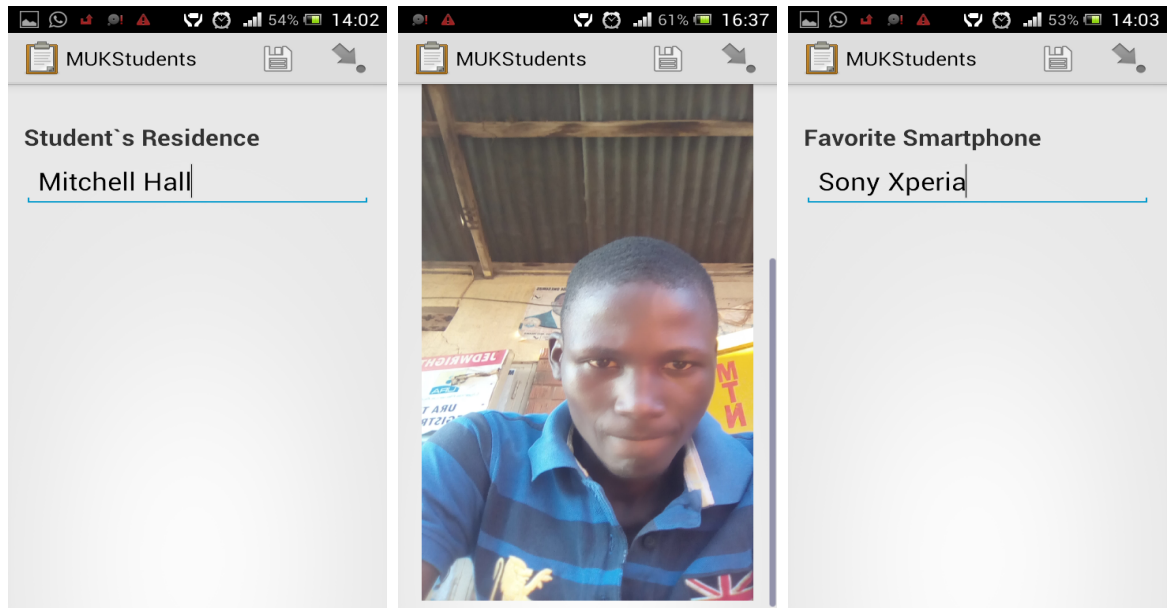
The project covers students all parts of Makerere University

## 4 METHODOLOGY

An interview is made to the students in order to get details reflecting their lifestyle. Details take include Students' name, course pursued by the student, age of the student, Student's residence, a picture of the student is taken, favorite smart phone desired or possessed by the student and finally the location where the student was found is generated automatically by use of GPS coordinates.

Data is collected using ODK collect as shown in these screen shots

The image displays three sequential screenshots of the ODK Collect application interface on a mobile device. Each screenshot shows a form titled 'MUKStudents' with a status bar at the top indicating 54% battery and the time 14:01 or 14:02. The first screenshot shows the 'Name of the Student' field with the text 'Micheal' entered. The second screenshot shows the 'Course offered by the student' field with 'Computer Science' entered. The third screenshot shows the 'Student's Age' field with '20' entered. Each field has a blue cursor and a keyboard is visible at the bottom of each screen.



And it is summarised in table 1 as shown in the table below :

**4.1 Table 1**

NAME	COURSE	AGE	RESIDENCE	PHOTO	FAVORITE	LOCATION
<i>Micheal</i>	CS	20	Mitchell	MIKE.jpg	SONY	LATITUDE 1
<i>Ronald</i>	MEC	21	Nsibirwa	Rona.jpg	HUAWEI	LATITUDE 2
<i>Tausi</i>	EDU	20	KAWEMPE	Tausi.jpg	Note1	LATITUDE 3
<i>Isaac</i>	CS	22	Gayaza	Isaac.jpg	HUAWEI P6	LATITUDE 4
<i>Sandrah</i>	ELE	20	AFRICA	Sandrah.jpg	LG	LATITUDE 5
<i>Joyce</i>	SE	20	Biira	Joyce.jpg	IPhone	LATITUDE 6
<i>Patience</i>	BLISS	20	Complex	Patience.jpg	TECNO	LATITUDE 7

On the server, the information is stored as shown below

## 4.2 server table

ODK Aggregate Course: CSC 1209: Logi github.com Research Methodology Inbox (2) - michealwats Messenger

Secure https://michealwatson-168004.appspot.com/Aggregate.html#submissions/filter/

This server and its data are not secure! Please change the super-user's password!








Submissions Form Management Site Admin Log Out michealwatsonm

Filter Submissions Exported Submissions

Form MUKStudents Filter none Visualize Export Publish

Save Save As Delete Submissions per page 100

Filters Applied Add Filter Display Metadata

meta instanceID	details Name	details Course	details Age	furtherDetails Residence	furtherDetails photo	furtherDetails smartphone	location Latitude	location Longitude	location Altitude	location Accuracy
✖ uid-d335886b-f48a-4df9-854d-1d2855ce62cc	Kavuma Timothy	CSC	22	Livingstone		IPhone	0.3324032	32.5703721	0.0	90.0
✖ uid-57e06186-2b63-4a14-86ad-5770392a7cea	Kiryamwibo Yenusu	BSE	24	Makerere Kavule		Huawei	0.3320556	32.5705123	0.0	23.0
✖ uid-fa5b1ef9-52bd-43f8-8d9c-14107618c507	Micheal Omara	Computer Science	20	Kawempe		Sony Xperia	0.37705308	32.55863781	1277.0	17.0
✖ uid-c241ec25-89c8-4cae-aa29-4d9c46b0517b	Lorand	BSSE	23	Dosika		Windows	0.3366215	32.5700835	0.0	1618.0
✖ uid-8598396d-ab85-4a75-a4c1-369b0305eb91	Waca David	Computer science	20	Livingstone		Samsung	0.33627803	32.56952645	1215.0	24.0
✖ uid-41aa7779-4031-4855-994c-a9303a9fad41	Namakula Tausi	Bachelor of arts in education	21	Kawempe		Samsung	0.3770303	32.55843943	1148.300048828125	5.0
✖ uid-fc033741-b46a-4c5a-a384-	Balintuma Isaac	Computer science	22	Gayaza		Huawei P6	0.37707118	32.55855102	1196.0999755859375	9.0

Capture Desktop

form222 (1).xml Show all

1:46 PM

## 5 Conclusion

Finally , the overall brand preferred by students is determined by getting a smartphone brand with the most frequency i.e : the smartphone appearing most in students' choices as data was collected.