

A REPORT ABOUT SMART PHONES POSSESSED BY MAKERERE UNIVERSITY STUDENTS

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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.

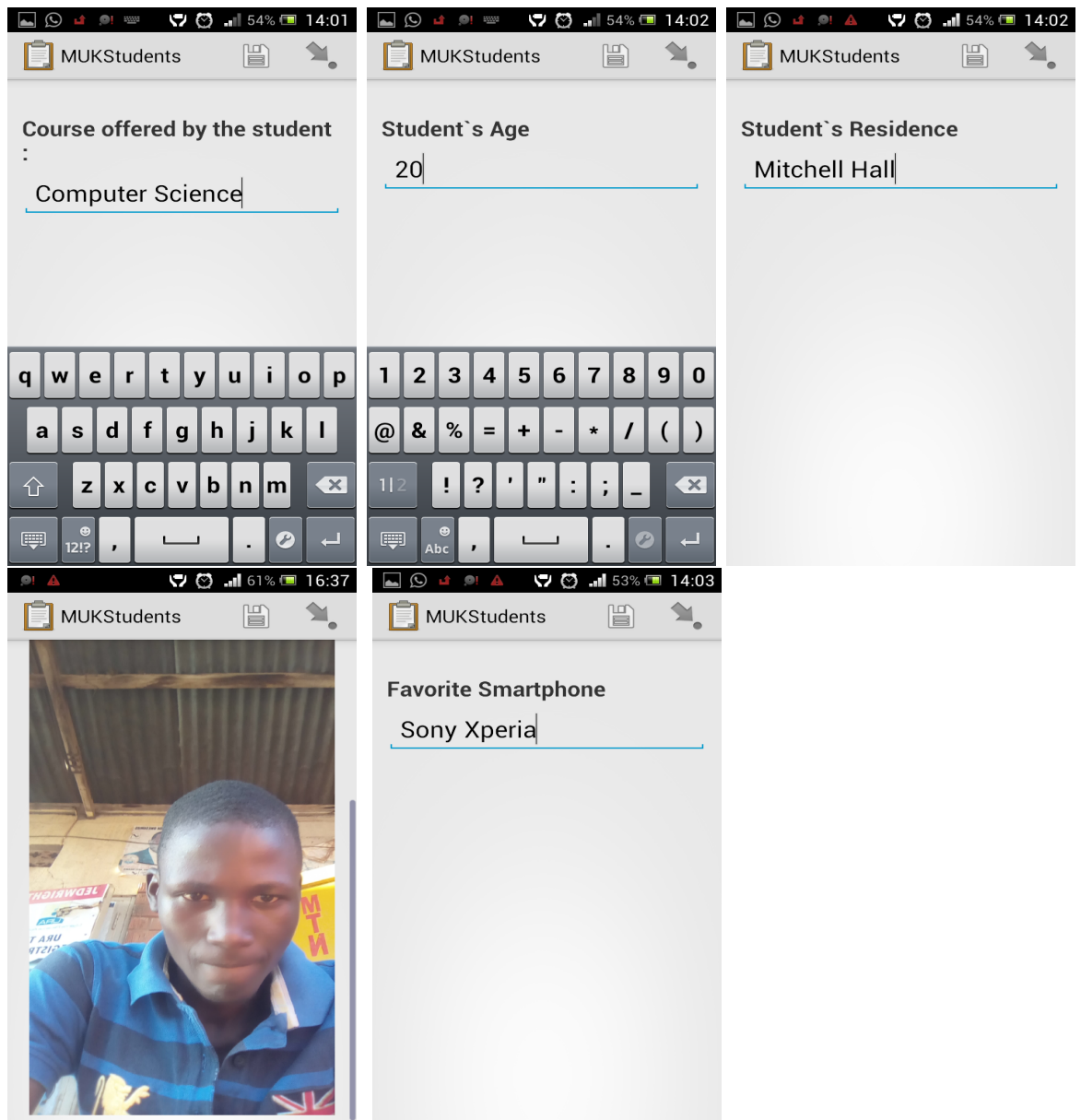
3.1 GEOGRAPHICAL REPORT

The project covers students resideng in all parts within and nearby 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



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

4.1 Table 1

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

On the server, the information is stored as shown below

4.2 server table

The screenshot shows the ODK Aggregate web interface. The main table displays student submissions with the following columns: meta instanceID, details Name, details Course, details Age, furtherDetails Residence, furtherDetails photo, furtherDetails smartphone, location Latitude, location Longitude, location Altitude, and location Accuracy. The table lists 10 students with their respective details and location data.

meta instanceID	details Name	details Course	details Age	furtherDetails Residence	furtherDetails photo	furtherDetails smartphone	location Latitude	location Longitude	location Altitude	location Accuracy
uuid:d335886b-f48a-4df9-854d-1d2855ce62cc	Kavuma Timothy	CSC	22	Livingstone		IPhone	0.3324032	32.5703721	0.0	90.0
uuid:57e06186-2b63-4a14-86ad-5770352a7cea	Kiryamwibo Yenusu	BSE	24	Makerere Kavule		Huawei	0.3320556	32.5705123	0.0	23.0
uuid:fa501ef9-52bd-43f8-8d9c-14107618c507	Micheal Omara	Computer Science	20	Kawempe		Sony Xperia	0.37705308	32.55863781	1277.0	17.0
uuid:c241ec25-89c8-4cae-aa29-4d9c46b0517b	Lorand	BSSE	23	Dosika		Windows	0.3366215	32.5700835	0.0	1618.0
uuid:8598396d-ab85-4a75-a4c1-369b0305eb91	Waca David	Computer science	20	Livingstone		Samsung	0.33627803	32.56952645	1215.0	24.0
uuid:41aa7779-4031-4855-994c-a9303a9fad4	Namukula Tausi	Bachelor of arts in education	21	Kawempe		Samsung	0.3770303	32.55843943	1148.300048828125	5.0
uuid:fc033741-b46a-4c5a-a384-	Balintuma Isaac	Computer science	22	Gayaza		Huawei P6	0.37707118	32.55855102	1196.0999755859375	9.0

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.