

A REPORT ON THE TRAFFIC JAM AROUND MAKERERE UNIVERSITY HILL

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1 Terms of Reference

A report written in fulfilment of the need to be informed about the current jam situation of the roads around the Makerere hill.

2 Summary

Its the current jam situation of the roads around the Makerere hill that people would much be interested in but they cant tell until they get to the road. The main aim of the report is to identify the roads that normally have jam and at what time of the day. It was observed that each road has a different timing at which the jam normally occurs. A little more observation is required to get the best records over a goo period of time.

3 Introduction

The jam along the roads around Makerere hill is caused because of many different reasons. The roads around Makerere hill include Sir Apollo Kagwa, Makerere hill, Kadafi, Bombo. The main aim of the report is to identify the time patterns and intervals of the jam on these different roads and letting people know of what time is conducive to use the different roads.

4 Body

There are different factors that cause jam on these roads as i have listed below.

4.1 Here are Some of the factors that course the jam:

1. The day of the week because usually the working days have more jam on these roads compared to the weekends.

- The time of the day, this is because morning hours between 07:00hrs - 09:00hrs and evening 18:00-21:00hrs usually have more jam compared to the other hours of the day.
- The constructions on some of these roads also bring about the jam.

The limitations are that the jam occurrences on the different roads do not have a constant pattern of occurrence hence limiting the purpose of the report. The jam can how ever be overcome by using alternate routes to ones destination or opting for a road that as no or less jam. Results from some of the records collected

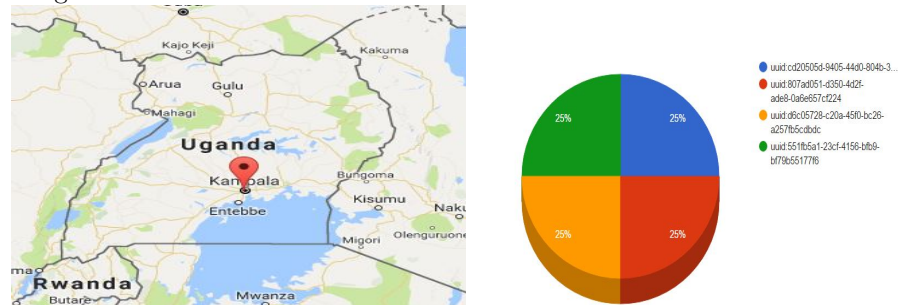
some of the collected data in the server.

meta instanceID	ROAD	TIME	Date	PICTURE	Video	location latitude	location longitude	location altitude	location accuracy
uuid:c020505d-9405-4405-804b-3...	Bombo	14:05:00	Sat May 20 00:00:00 UTC 2017			0.696247	32.5736045	0.0	991.0
uuid:807ad051-4350-4405-ade8-0a6e8657cf224	Sir Apollo road	10:49:00	Mon May 08 00:00:00 UTC 2017			0.328118693	32.56270409	1187.0	308.0
uuid:d8c05728-c20a-4505-bc26-a257b5cddbc	Makerere hill road	14:00:00	Fri May 19 00:00:00 UTC 2017			0.32917307	32.57189394	1190.0	4.0
uuid:551b5a1-23cf-4156-bb6b-bf70e55177f6	Wandegaya traffic lights	11:10:00	Tue May 16 00:00:00 UTC 2017			0.33009932	32.5700916	1189.0	4.0

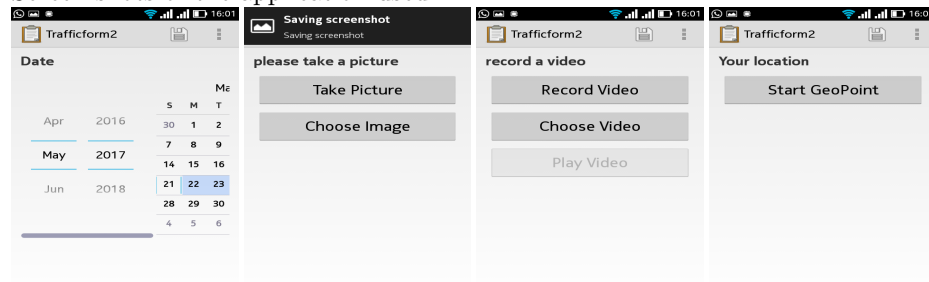
Table on the jam occurrence on the different roads on week days

Road	Sir Apollo Kagwa	Makerere hill	Kadaffi	Bombo
Time (hrs.)				
07:00-09:00	MEDIUM	HIGH	HIGH	HIGH
12:00-16:00	FREE	LOW	LOW	LOW
18:00-2100	HIGH	MEDIUM	HIGH	HIGH

images of the statistics



Screen shots of the application used.



5 Conclusion

In conclusion a person should use a route according to day and time on which one is driving using any of the listed roads to prevent from being inconvenience of waiting in jam for long hours.