



MAKERERE UNIVERSITY

COLLEGE OF COMPUTING AND INFORMATION SCIENCES  
DEPARTMENT OF COMPUTER SCIENCE  
SCHOOL OF COMPUTING AND INFORMATICS TECHNOLOGY  
COURSE WORK :RESEARCH METHODOLOGY

LITERATURE ABOUT GOOGLE MAPS

prepared by:  
NINSIIMA SHEILLA, 16/U/964,216001139

Supervisor: Ernest Mwebaze  
*March, 9<sup>th</sup>, 2018*

Google Maps ,

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Views from users</b>	<b>1</b>

# 1 Introduction

Google maps is a web mapping service developed by google.it offers satellite imagery, real-time traffic conditions and route planning for travelling by foot, car, bicycle or public transportation. Google maps begun as a c++ desktop program designed by Lars and Jens Elistrup Rasmussen at where 2 technologies. In October 2004, the company was acquired by Google, which converted it into a web application. After additional acquisitions of a geospatial data visualization company and REALTIME TRAFFIC ANALYZER, Google maps was launched in February 2005 [1]. The services front end utilizes JavaScript, XML, and Ajax. Google maps offers an API that allows maps to be embedded on third party websites, and offers a locator for urban businesses and other organizations in numerous countries around the world. Google map maker allowed users to collaboratively expand and update the services mapping worldwide but was discontinued from March, 2017. However, crowdsourced contributions to Google maps were not discontinued as the company announced those features will be transferred to Google Local Guides program [2]. Google maps satellite view is a top-down view; most of the high-resolution imagery of cities is aerial photography taken from aircraft flying at 240 to 460m, while most other imagery is from satellites. Google maps uses a close variant of the Mercator projection, and therefore cannot accurately show areas around the poles. The current redesigned version of the desktop application in 2013, alongside the classic (pre-2013) version. Google maps for android and iOS devices was released 2008 and features GPS turn-by-turn-navigation along with the dedicated parking assistance features. In August 2013, it was determined to be the world's most popular application for smartphones, with over 54% of the global smartphone owners using it at least once [3]. In 2012, Google reported having over 7100 employees and contractors directly working in mapping. [4]

# 2 Views from users

Users claim the app is nice for GPS navigation where it is helpful for one's destination. Users also claim the app creator is using Google maps with a horrible interface in that every time one clicks on something, it brings up an ad to include trying to exit the application.

# References

- [1] G. Company, "Our history in depth," June 2016.
- [2] S. Perez, "Google to shutdown map maker, its crowdsourced map editing tool—techcrunch," June 2017.
- [3] "Google+ smartphone app popularity business insider," september 2013.
- [4] "Blurry or outdated imagery," october 2013.