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Course Work: Literature review on Google Map direction API

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LIERATURE REVIEW ON GOOGLE MAPS DIRECTION API

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Literature Review

Google maps direction API is a web mapping service and product designed by google developers that enables users to find directions to various areas of destination around the world. It offers satellite imagery, street maps, 360 degree panoramic views of streets, real time traffic conditions and a route planning for travelling by foot, car bicycle or public transportation.

Google maps began as a C++ desktop program designed by Lars and Jens Elipstrup 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 a real time traffic analyzer, Google maps was launched in February 2005. The services front end utilities Java script, 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, crowd sourced contributions to google maps were not discontinued as the company announced those features will be transferred to google local guides program[1]

Driving is the easiest and most efficient way to travel between two points but only if one is good with directions. Most of us end up circling around the neighborhood or lost in the country side. With Google maps direction, getting lost is no longer an option. Apart from showing you the exact route you need to reach your direction, Google maps direction is also an excellent route planner, allowing you to select the shortest, cheapest or most scenic way to a particular point. You can change directions based on your preferred method of transportation, including walking, cycling, public transport and driving.

With Google maps direction, navigating the public transportation in your city has never been easier. Getting driving directions for public transport is extremely easy and Google is constantly working on improving it even further. And whats more, the recent updates provide you not just with comprehensive directions on how to reach your destination point but also alert you of any points of interest during your trip. This makes travelling considerably more fun and turns even a short trip into an unforgettable adventure.

Google maps direction can be an invaluable source of driving directions when youre travelling to an unfamiliar place or are exploring a foreign country. The software can be extremely useful if you want to explore a certain area prior to your arrival and is undoubtedly going to make your trip experience much more pleasant. Save yourself the hustle of asking for directions and let google maps direction do the job for you. Google maps directions can enable you save directions for a trip on your map as a result you can plan in advance days earlier before you actually hit the road to travel. You can also measure the distance between two points or the area of a region or property which will enable you know the distance in kilometers you will cover as a result you will easily plan fuel costs. [2]

References

[1] Krushnendu Sundar Patra. *What is the history of Google Maps* Internet: https://www.quora.com/What-is-the-history-of-Google-Maps

[2] Justin Sablich. *how to use google trips tour guide travel*, Internet: https://www.nytimes.com/2016/09/21/travel.