## Assignment-VII

Title: Design a mobile app using Google map & GPS to trace the location.

Problem statement:

Google maps & GPS to trace the location

Objection: To emplement mobile app to

outcome: students will be able to

emplement mobile app using

google maps & GPS to trace the

location

S/W & H/W package: 64 bit Fedora OS Andraid studio.

Theory:

Google maps is well-based service

that provides detailed information about

geographical regions & sites around the

geographical regions to conventional road

world. In caldition to conventional road

maps, google maps offers serial of

f sattelite views of many places. In some cities, Google, maps affer street views, comprising photograph taken from rehicles. - with google maps restalled on your device you can view street & satelite maps of the whole world. Not only this, but It can be used to plot routes, find local places, socialize with people around you & walk along the roads with google street view. - Google maps 9s Proredibly easy to use on an android studio device Pt automatically detects your current location of displays Pt on the screen - You can move around by holding your fingers & dragging the screen & zoon in fout by pinching your fingers. - The app allows you to save maps offin & marage them from an easy-to-acces It shows you the total walking time of the trip by bust train Then by that navigation shows you alistance & estimated arrival time & gives you garess to atternate routes & features lane assistance

Google map Android Manifest Pile: we have to add the poomission along with the good le map APZ key in analooid manifest. Leambergan ?-1) ACCESS FINE - LOCATION > GPS Location -2) ACCESS\_COARSE. LOCATION > permission for an network provider location. Syntax: croser permission android: name= "android: permission: permission-type" 17 e1 --- Google API KEY --- 7 < metadata android: name = "package\_path" android: value = " GOOGLE APT KEY" customizing acople maps :-1. Adding market, using add market () in · google map Android manifest. add marke & Google map Android Manifest c). position (a) HHe ("my loc");

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anclusion:

Thus, after successfully completing this assignment, students should be able to understand & implement mobile app to trace location.