Bad Road Tracker

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Abstract - **This brief paper describes the uses and concepts of enables the user to track all the roads which are not suitable to travel. It gives the shortest and most comfort path to travel. This application can be used by taxi drivers and by common people.**

I. INTRODUCTION

BAD ROAD TRACKER is an application which enables the user to enter location. The app uses the user's GPS to locate, which will be directed to a map, which will be made by the help of research. The app too has a complaint and suggestion section which helps the user to help other users of the same area to avoid such roads.

II. REQUIREMENTS AND ALGORITHM

The memory required by this app will be similar to any other taxi booking app. The memory for developing this app is really very large. The software used is ANDROID STUDIO 2.2.3 is used, which takes 4GB RAM to run in a windows 10 laptop. SQLite will be used to maintain a small database in the initial phase which later will be replaced by client-server concept.

DJIKSTRA'S ALGORITHM: Used to find the shortest path algorithm. Enables the user to cover maximum distance in shortest time.

III. EXISTENCE OF PROPOSED SYSTEM

There are some existing applications like different taxi booking applications and mainly, Google map covers the entire gps and shows the traffic condition.

IV.ADVANTAGES

1. The application is advantage over existing system.
2. The application deals with the road quality and shows the road quality with traffic conditions.

VI.DISADVANTAGES

The disadvantage can be that it takes a lot of research and the developments of maps take time.
The updating of maps will not be accurate.

VII. FUTURE ENHANCEMENT

The software will be used in other areas too and not in local area.
After the proper establishment the software will go for mainstream competition thus less complexity and more efficiency in terms of space and time.

VIII. CONCLUSION

The software is an attempt to prevent accidents on a regular basis, good roads facilitates the transportation.

IX. REFRENCES

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APPLICATION FLOW

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