REFERNCES:-

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SUMMARY OF THIS RESEARCH PAPER :-

**Summary of Bus Tracking System Using Mobile Application**

* **Objective**: Develop a real-time bus tracking system to enhance public transport reliability.
* **Technology**: Utilizes GPS for location tracking, GSM/SMS for data transmission, and Android for user interface.
* **Features**:
  + Real-time bus location and estimated arrival times.
  + Route details and driver contact information.
  + Traffic updates for route adjustments.
* **Benefits**: Improves commuter experience, reduces waiting times, and enhances bus management efficiency.
* **Implementation**: Built using Android Studio and Java, with a focus on user-friendly design.

1. Ahmed Ahmed1 , Elshaimaa Nada2 and Wafaa Al-Mutiri3 1,2Department of Computer Systems, Zagazig UniversityUniversity, Zagazig, Egypt 1,2,3Department of Computer Engineering, Taibahu University, Almadina, Saudi Arabia. Vol 9, No 1, February 2017

SUMMARY OF THE RESEARCH PAPER :-

**Summary of University Buses Routing and Tracking System**

* **Objective**: Develop an Android app to enhance bus transportation for Taibah University students.
* **Features**:
  + Real-time bus tracking using GPS and Google Maps.
  + Notifications for bus arrival, delays, and cancellations.
  + Dynamic maps for bus locations and routes.
* **Technologies**: Utilizes GIS and GPS for efficient routing and monitoring.
* **User Roles**: Admin, students, and drivers with specific functionalities.
* **Outcome**: Improved transportation services, reduced waiting times, and enhanced communication.

1. Real Time Bus Tracking System . (IJERT) http://www.ijert.org ISSN: 2278-0181 IJERTV9IS060545 (This work is licensed under a Creative Commons Attribution 4.0 International License.) Vol. 9 Issue 06, June-2020

SUMMARY OF THE RESEARCH PAPER :-

**Real Time Bus Tracking System Summary**

* **Authors**: Akshay Sonawane, Ankeet Bhanushali, Kushal Gogri, Milind Khairnar
* **Objective**: Develop an Android app for real-time bus tracking in Mumbai.
* **Features**:
  + Live bus location tracking using GPS.
  + Estimated time and distance to user location.
  + List of bus numbers for specific routes.
* **Methodology**: Utilizes Google Maps API and a database for real-time updates.
* **Benefits**: Reduces wait times, enhances user experience, and allows ticket purchasing through the app.
* **Future Scope**: Expand to vehicle monitoring and digital ticketing systems.