TITLE: Experiment Write-up (EW)

Subject:(404191) Mobile Computing Lab

EXPERIMENT NO: 09

AIM: Case study on different real time mobile computing services.

OBJECTIVES:

To study the different real time mobile computing services.

THEORY:-

Real-time mobile computing services are becoming increasingly popular due to the convenience and flexibility they offer. These services enable users to access information, communicate with others, and complete transactions from their mobile devices in real-time. In this case study, we will explore different real-time mobile computing services and their impact on users.

1.Uber:-

Uber is a ride-hailing service that enables users to request a ride from their mobile devices in real-time. The service uses GPS technology to match riders with nearby drivers and provides real-time updates on the driver's location and estimated time of arrival. Uber's real-time mobile computing service has disrupted the traditional taxi industry by providing a more convenient and cost-effective option for riders. The service has also created new job opportunities for drivers, who can work flexible hours and earn income using their own vehicles.

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2.Venmo:-

Venmo is a mobile payment service that enables users to send and receive money in real-time. The service allows users to connect their bank accounts or debit cards and send money to others by simply entering their phone number or email address. Venmo's real-time mobile computing service has revolutionized the way people send money by eliminating the need for cash or checks. The service has become particularly popular among younger users, who prefer the convenience and ease of sending money through their mobile devices.

3.Airnab:-

Airbnb is a platform that enables users to book accommodations from their mobile devices in real-time. The service allows users to search for and book a wide range of accommodations, including apartments, houses, and rooms, from local hosts. Airbnb's real-time mobile computing service has disrupted the traditional hotel industry by providing a more personalized and cost-effective option for travelers. The service has also created new opportunities for hosts, who can earn income by renting out their spare space to travelers.

4. Swiggy:-

Swiggy is a popular online food delivery platform that provides real-time mobile computing services to its users. The service allows customers to order food from a wide range of restaurants and have it delivered to their doorstep in real-time. Swiggy uses GPS technology to track the location of its delivery executives in real-time. This allows customers to track the status of their order and get real-time updates on the delivery status. Customers can also see the estimated time of arrival (ETA) of their food and track the delivery executive's location on a map.

5.Google Pay:-

Google Pay is a mobile payment and digital wallet service developed by Google that offers real-time mobile computing services to its users. The service enables users to send and receive money, pay for goods and services, and manage their finances in real-time. Google Pay allows users to send and receive money in real-time. Users can transfer money to other Google Pay users by simply entering their phone number or email address. The recipient receives a real-time notification when the money is transferred to their account.

Impact on Users:

Real-time mobile computing services have had a significant impact on users by providing greater convenience, flexibility, and accessibility. These services have enabled users to complete transactions and access information from anywhere, at any time, using their mobile devices. The services have also created new opportunities for individuals and businesses by providing new ways to earn income and connect with customers. However, these services have also raised concerns around privacy and security, as users are often required to share personal information and financial data to use these services.

Conclusion:-

Real-time mobile computing services have transformed the way people access information, communicate, and complete transactions. These services have created new opportunities for individuals and businesses, while also raising concerns around privacy and security. As technology continues to evolve, it is likely that we will see even more innovative real-time mobile computing services that further enhance our lives and change the way we interact with the world around us.

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