

RIDOPSY

Locate anyone, Track anything, Schedule anyway, Godlike

Abstract Theme: Multiple Vehicle Tracking By Remote GPS Switching

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Peek Into

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- Ridopsy services
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- Ridopsy - Everywhere, Everything

A Preview

- ▶ Time is precise and valuable. The practice of calling someone to know where he is and when he would reach is now over.
- ▶ Information gathering about transport location and travel is tedious.
- ▶ Ridopsy is an android mobile application that serves to pinpoint any identity in a Google map, its status, route, distance from you and the time to hit you.
- ▶ Ridopsy is all about easing the way of locating, tracking, monitoring, analyzing, scheduling and lifestyle upgrading.

What Is Ridopsy?

- As a one liner: Ridopsy is an app which conveys the user with extreme precision about the current location of a transport, person or a service.
- For example it simply tells the user where his pick up ride is currently moving, how long it would take to reach his pick up point, how far away it is located, and even at which minute he should start off to his pick up point, to board it.
- Ridopsy includes two diverse usages. you may login as a rider constantly updating the lat long positions in the cloud or sit at home and watch the units moving in the map, and finding the closest ride available.

Ridopsy Services



Pinpoints all available transport vehicles (your pickup as a bus) in the Google map and identifies the nearest vehicle from your stop, informs you about its distance and duration from the stop. It alerts the user exactly when he should start moving to board his ride.



As a rider you simply turn on your app and drive, automatically updating your lat long position. And as a user you track your friends , find who is nearest to you, watch their movement and contact them.



Any unengaged ambulance all around you are tracked and the user contacts the driver who is nearest for emergency services.

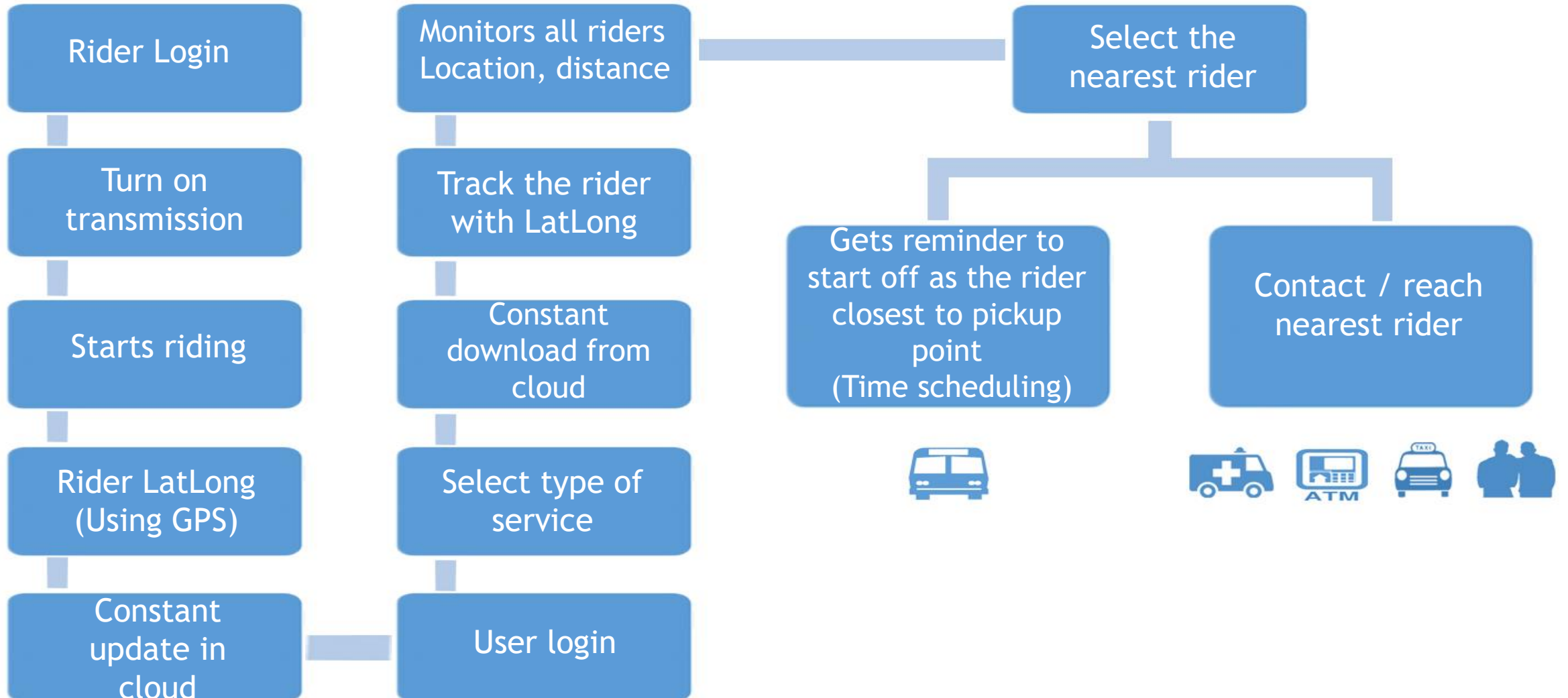


The user can check for all available mobile ATMs, find the nearest one's location, distance and duration to reach it in the map.



Any registered cab is identified by a user of specific location where he calls the nearest cab driver, watching his duration to reach in the map, taxi model and seat availability.

Background Processing



Background Processing

- The rider of a specific service logs in with his credentials, turns on his transmission and simply starts riding.
- Using GPS services the rider's current LatLong position is uploaded to the cloud(IBM Cloudant)
- The user simply logs in with his credentials and selects the service required.
- Now the user gets the rider's uploaded LatLong co-ordinates, rider info, transport info etc.
- Depending upon the service the corresponding riders, nearest unit, with their locations, distance from the user, time taken to reach etc, are pinpointed in the Google map.
- Especially for transportation service the user is notified(alerted) exactly at which minute it is sufficient for him to start from his home(or anyplace) to the pick up stop to board the ride.

Exploding Applications

- Ridopsy is an ultimate transport tracker which is very user friendly that it makes the lifestyle of the user easier.
- Ridopsy eliminates the manual searching of a transport in person , and simply notifies the user of all available units and services in and far away from his locality.
- Rider location precision is extreme and constant movement monitoring is possible.
- Ridopsy enables any person to board his pickup in time, notifies the nearest pickup, its location, distance, time to reach it and other details.
- The emergency services as ambulance and mobile ATMs are life saving and easily available.
- Personal friends are tracked of their locations and can be easily contacted.
- Cab services provide quick cab bookings for the nearest available unit.

Ridopsy Construction

Service Used

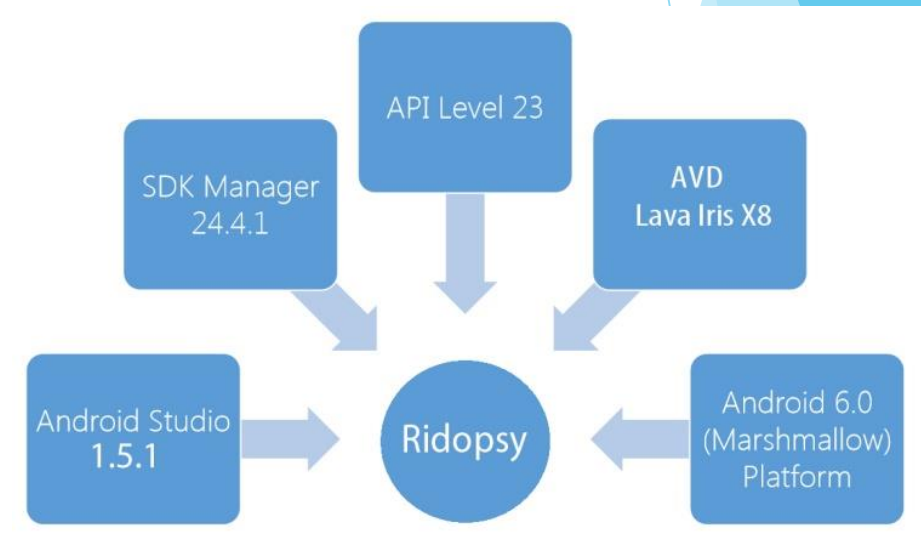
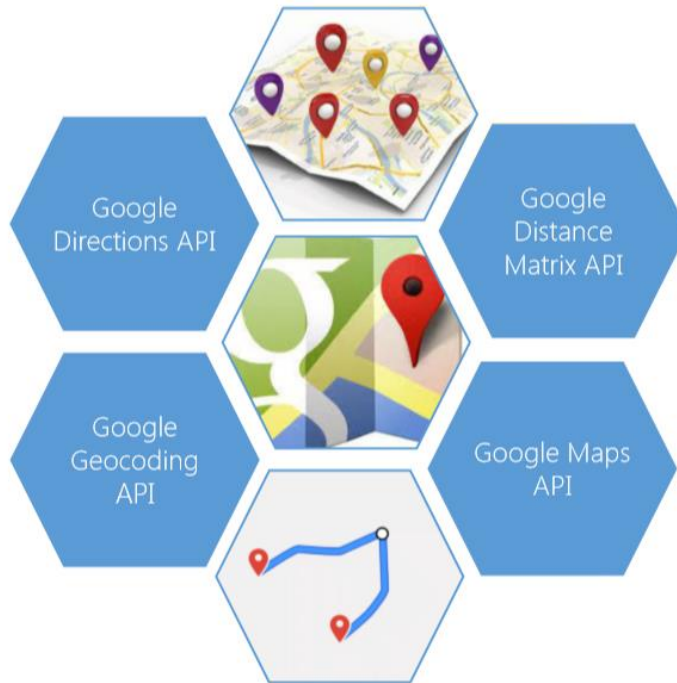


API's Used

IBM Bluemix

IBM Cloudant NoSQL
Database

Tool's Used



Ridopsy - Everywhere, Everything

- Ridopsy assists every common person or a child in scheduling his time.
- Any individual or an organization can make use of it to identify the client's(rider's) location, movement and other details.
- It eliminates the traditional concept of manual information gathering of a unit's location, arrival, movement etc.
- The upgrade would include distance calculation of the nearest unit not only from the user's current location but also the moving unit's distance and time details from any selected location on the map(Awesome right....!)
- In short Ridopsy is for everyone used everywhere and provide services for everything.

PPT Presentation is followed by Demo Video, and Live
Demonstration of the Application.