

# Transekur - Taxi Booking Platform

A Case Study



# Overview

An online app working at kiosk-based locations called as Transekur app. It can be referred as transport self-service system for the passengers coming out of the airports. The app contains interaction with the web-based admin, passenger/ user, meeter/greeter and the driver modulus as well as the main users. Passengers can operate the app for booking their choice of Car and can confirm the destination along with the fair rates. Transekur app provides feasibility to the passengers' transportation. People need not worry about unknown locations, fare or finding the right guide. Everything will be right there within the app itself.

# Aim Of The App

Transekur emerges out as one centralized platform for the drivers not getting enough trips and for the passengers not getting guidance at unknown locations. Even at their known locations, passengers used to in a worry to find a Car to reach the destinations on time. With this app, one can easily get the Car and reach the destinations on time without wasting time on finding Cars. Everything will be done with the single app interaction.

# Transekur System

**Key Points**

**Key Roles**

**Key Functionalities**

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# Transekur User/ Passenger

## Key Features

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# Transekur User/ Passenger

- A passenger at the kiosk based location e.g., at Airport opens the Transekur app, will lead to the information page following the welcome page.
- The passenger needs to enter the name of the traveller and can mention the number of travellers along with the destination.
- A passenger gets a response within 15 seconds about confirmation status.
- A Passenger will be asked to select their choice of Car.
- The confirmation of the booking from passenger side will be sent after the fair shown to the passenger as per the destination and Cars type selected.
- Payment method will be selected at the time of booking whether by cash or credit card. However, payment is not handled by the online mode.
- Passenger confirms the booking if he finds the relevant fair and Car.

# Transekur Meeter/Greeter

## Key Features

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# Transekur Meeter/Greeter

- The functionality of meeter/greeter is added to ignore conflicts between the drivers and the passengers regarding confirmation of the booking.
- Meeter/ greeter will do a task of connecting passenger to the desired Car by confirming their booking.
- As the passenger will book a Car, meeter/greeter will get the notification to approve or deny as per availability of the driver.
- Meeter/greeter will approve the passenger's request if the driver is available and send the confirmation notification to the passenger.



# Transekur Meeter/Greeter

- Meeter/ greeter can deny the booking request if there are no available status of any drivers. Also, the meeter/greeter will be the first person meeting a passenger as to greet and manage the payment at the time of the meeting.
- Meeter/ greeter can take a break manually and the sets log off if the break extends for more than 12 minutes automatically.
- Meeter /greeter will get the notification from passenger doing each booking request and drivers as well. He/she will be having a screen showing the approve/deny/ pending options.

# Transekur Driver

## Key Features

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# Transekur Driver

- After login to the app, Transekur driver can select the shifts and status of his availability manually from the app.
- A driver will get the notification from the meeter/greeter to have a trip with the booking request when his status is available.
- A driver can see the passenger details like name, a number of passengers, selected Cars and then approve the booking request.
- A driver is allowed to change the Car if he is notified by the admin side and can change the settings to alter the existing Car.

# Transekur Driver

- A driver will not be directly communicating with the customer except the meeter/greeter.
- A driver can select the status when he does not want to be available for the trips as not available.

# Transekur Web-based Admin

## Key Features

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# Transekur Web-based Admin

- Admin can handle the app users from the transekur website.
- If any concern related to adding new drivers registrations, Cars change or other concerns can be handled through the web-based admin.
- Meeter /greeter can communicate with the admin related to payment or another query.

# Technology and Tools

**Technology:** Core Java 1.7

**Tools:** Android Studio 2.3.3

**UI/ UX Design:** Adobe Photoshop  
and Illustrator

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# Challenges & Solutions

transekür ▶▶  
Premium Transport

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# Break System Implementation

It was a challenging task to allow driver side module to add break manually and show status to other users. Same as for the meeter/greeter the automatic 12 minutes break will be considered as the logoff. It took an accurate calculation for the coding part for this to be implemented.

## Customer Response

Customer/passenger gets a response within 15 seconds from the meeter/greeter. Here to implement such facility was indeed a challenging one. Because the system needs to perform checking of all the possibilities available for the passenger. Whether the driver is available or not and then meeter/ greeter notifies passenger. All within just 15 seconds.

## Driver Status Update

Allowing driver to change the shift and status was surely a complex feature to develop. Because a driver updates status, needs to be updated at all the user interfaces out there.

## Selecting Cars & Fare

To allow customers to select a Car and provide as per the demand from a single platform. A fare will be calculated as per the destination selected & type of the car selected. Cumulating these both parameters & summing up the fare as per was a crucial task to cope with.

## Notifications

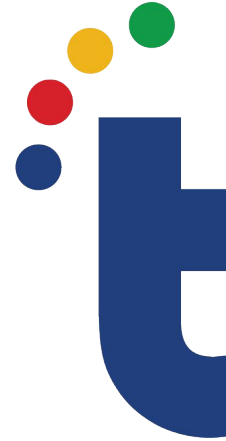
The app contains notifications updates to all the user automatically whenever an activity is performed for the confirmation or cancellation. Meeter/greeter, driver and the user gets updated notification automatically in short amount of time and without creating queue. It is such an ingenious program to perform.

# Transekur System

- | Connecting People
- | Desired Destinations
- | Single Management
- | Beneficiaries - Drivers & Passengers

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# What We do?



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# What Does Technource app development Services Do?

Techno Source Web Pvt. Ltd. is specialized in Android and iOS app development services and have served in various industries all over the globe. We, Techno Source Web Pvt. Ltd. cater full stack solutions to the customer in mobile application development. Our strength relies on three pillars: No compromise in quality, 100% time frame delivery and prompt support.

We work on  
following app  
development  
business

- Travel & Transport App Development
  - Food & Beverages App Development
  - Real Estate App Development
  - Coupons and Discounts App Development
  - Accounting & Financial App Development
  - Social Media App Development
  - eCommerce App Development
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# Thank You

Case study prepared by: Techno Source Web Pvt. Ltd.