WAYS & MEANS TECHNOLOGY PVT. LTD.

MOBILE APPLICATION DEVELOPMENT

WMJ1520001

Uber like taxi app

High level understanding

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Contents

1 Project Details

As per the initial requirements and communication over Skype we have framed the complete Project Understanding in words below including few of our queries.

1.1 Driver Mobile App:

Signup Functionality (Part 1)

Corporate Account Details

(Driver Details)	Fleet/ Vehicle Details
❖ Current diver dropdown if he is associated with other companies. ❖ Select option: Yes/ No if yes, mention the company names. ❖ Type of account: Business/ corporate/Personal ❖ Processing Fee: driver background check ❖ Corporate account details: ❖ Company Name ❖ Contact cell no ❖ Email Id ❖ Password ❖ Language ❖ Country	❖ No. of vehicles ❖ License plate no for each vehicle ❖ City provided no. for each vehicle ❖ Vehicle year, model, color ❖ Picture of front, back, side, interior ❖ No of doors ❖ Type of car ❖ Passenger capacity ❖ Space for extra luggage's ❖ Smoking allowed or not

➤ Other Details

❖ Driver license
❖ Expiration date
❖ Insurance details

➤ Bank account details

❖ Bank account number
❖ Name on account
❖ Credit card, ccv, expiration, paypal details with security check
❖ Billing address, shipping address

Personal Section

Personal Section

(Driver Details)	Fleet/ Vehicle Details
❖ Company Name	❖ Vehicle year, model, color
❖ Contact cell no	❖ Picture of front, back, side, interior
❖ Email Id	❖ No of doors
❖ Password	❖ Type of car
❖ Language	❖ Passenger capacity
❖ Country	❖ Space for extra luggage's
	❖ Smoking or not

➤ Document required for verification

- ❖ Driver license
- ❖ Expiration date
- ❖ Insurance details

➤ Other Information

- ❖ Disclosure and authorization
- ❖ List of trip summary
- ❖ Detailed information about each trip, coupons used, time, date, PU, DO,

Setting Section

Personal rate:

- ❖ Rate yourself (★ ★ ★ ★ ★)

Choose area:

- ❖ To pick up (zip code)
- ❖ To drop off (zip code)
- ❖ Restricted are (zip code)

Set Rate:

- ❖ Flat fee, per mile, per, minute
- ❖ Special time rate (form 7am to 9am)

After logged in

- ❖ Choose if more than one vehicle (If personal)
- ❖ Choose cab and put online (If Corporate)
- ❖ Online/ Offline option (● ●)

After logged in (🟢)

- ❖ Display the driver's current location using Geo Location Tracking
- ❖ Alerts for any request
- ❖ Counter for accepting request
- ❖ Display an arrow for current location and direction towards rider location

Display Rider information like:

- ❖ Rating
- ❖ Special comments like luggage, dog.

- ❖ Pass Button
- ❖ Offline Button
- ❖ Shaded area for shortest drivers broadcast by admin
- ❖ Price Information

Request accepted by driver Pick Up Screen (🟢)

Display Rider information like:

- ❖ Name
- ❖ Rating
- ❖ Location
- ❖ Comments

Navigation Button

- ❖ Display route for pick up
- ❖ Estimated time
- ❖ Call/ text number

Alerts

- ❖ When 1-2 minute remaining
- ❖ When at the location and display drop off location with route R has chosen
- ❖ Track the time of acceptance

Drop off Screen (🟢)

- ❖ Display route for DO
- ❖ Trip button to activate trip
- ❖ Track location
- ❖ Create route if not set
- ❖ Display the time and mileage along with trip
- ❖ End trip button

Light box

- ❖ To mark start and end trip

Display Fare (🟢)

- ❖ Display fare
- ❖ Discount coupon
- ❖ Rate R/ comments
- ❖ Email setup
- ❖ Set as favorite
- ❖ Check box if R has consumed alcohol

Cancellation Details

- ❖ Cancel at any time
- ❖ Reason for cancellation select from drop down/ manual entry
- ❖ Send alert to R if d cancel

Other Features (🚗)

- ❖ Refer a friend
- ❖ Refer a driver
- ❖ Social sharing on Facebook and twitter
- ❖ About details
- ❖ List of sponsors

1.2 Passenger:

Signup Functionality

Step 1:

- ❖ Mobile No.
- ❖ Email Id
- ❖ Password
- ❖ Language
- ❖ Country

Step 2:

- ❖ FName, MName, LName
- ❖ Age
- ❖ Gender
- ❖ Picture

➢ Bank account details

- ❖ Bank account number
- ❖ Name on account
- ❖ Credit card, ccv, expiration, PayPal details with security check

- ❖ Promo Codes
- ❖ Terms and Conditions Acceptance
- ❖ Frequent location (work/ home)
- ❖ Referrals
- ❖ Share Information
- ❖ Sponsors Information
- ❖ Ride History

Home Screen (Part I)

- ❖ Display the current location using Geo Location Tracking
- ❖ Set current location
- ❖ List of Drivers (Sorting will be closest to farthest) with an activation link
- ❖ Choose the type of vehicle
- ❖ Display area for shortage drivers
- ❖ General Announcement
- ❖ Mark favorite

Pick up Details

- ❖ Manual Entry
- ❖ Entry through map
- ❖ Comments
- ❖ Location confirmation

Drop off location

- ❖ Manual Entry
- ❖ Entry through map
- ❖ Comments
- ❖ Location confirmation

Service Confirmation:

- ❖ PU location, DO location, comments, type of car
- ❖ Calculate the fare

Home Screen (Part II)

Submit Info:

- ❖ Promo code
- ❖ Account information and confirmation and then submit info
- ❖ Track PU, DO time
- ❖ Dropdown to choose that R has taken alcohol or not.

Request Sent Page:

- ❖ Request sent button

Cancellation Process:

- ❖ Cancel button to cancel the service
- ❖ Reason for cancellation
- ❖ Time taken for raising a request to cancellation will be charged.
- ❖ Alert send to D about cancellation

Vehicle details:

- ❖ Alert message that car is on the way
- ❖ Picture of driver and information about the vehicle
- ❖ Estimated time of arrival
- ❖ Call/text button
- ❖ Cancel button
- ❖ Account setting button
- ❖ Alert message about vehicle status

Trip End Details:

- ❖ Fare
- ❖ Tips
- ❖ Rate
- ❖ Set as favorite
- ❖ Refer to friends

1.3   Admin

1.3.1   Profile Information:
All the drivers and riders profile information will be tracked by admin.

1.3.2   Track Location:
Admin can track location of D that he is online or offline for anticipation and availability (load balancing) in different colors.

1.3.3   Pick Up range:
Plot the pickup range of each driver so admin can see any overlaps and gaps in D coverage. Color the gap coverage areas in D app.

Plot R as they activate app, so we can anticipate loads and availability. plot D on a separate map showing their anticipated drop off locations as well as online D.

1.3.4   PU time and DO time:
Save the PU, time, names… Drop Off and route traveled for each trip to provide to D at the end of billing cycle. There is no need to track live, just once the trip is finished, but the anticipated drop-off location is to be use a centralized phone number to pass calls and texts between D and R.

1.3.5   Tracking:
Track donated credits by each D, track used up donated credits by each R. Automatic texts and emails to R and D, targeted automatic texts and emails to R and D, targeted manual texts and emails to R and D. Track credits donated/used by sponsors.

1.3.6   Fare:
For each D and R set processing fee, % commission, flat fee, account approval fee. For R and D track # of rides accepted, passed, cancelled, rating. Set standard rates for non/professional D and let each of them change it* per region/city/state/country. Broadcast surge pricing on all fares alerts on D and R apps. Set a surge pricing increase ON/OFF (multiplier) on all rides or specific city, or state, or country.

Track source of referrals and number of referrals per R and D. Track the hours each D is online and provide statistics to R and D as to what are the busiest hours. Track the R that has indicated (drinking) only to donate the ride to them. Track the number of rides that have been requested directly.

1.3.7   Account Information:

Track and Notify R and D when their account has been approved, or any documents needed. Track and notify internally and R and D when a specific account is about to expire due to their license, registration, insurance etc., which is based on the expiration date of the documents submitted.

1.3.8   Bonus, special offers, coupons:

Ability to automatically/manually lower/increase the % of commission charged to D based on cancellation, acceptance and rating of D. Allow a different amount to be deducted for donation based on the class of car. Track the hours worked by our drivers and once a ride has been accepted then the D is required to donate to the community every day a D accepts a ride. Track coupons given out by D to R for their next ride private. Track coupons given out by D to R for Community/Cab ride. Set different rates for different hours of the day/night based on the local location. Set different rates for specific days (Christmas, NY, Thanksgiving, Easter, Independence days). Allow for fare adjustments if D or R requests a fare review. So we have to be able to calculate the rate based on the distance traveled and time and flat rate, and type of car.

1.3.9   Payment Methods:

Since the user will have to set up either a credit card, or paypal for payment, or other means (as they are available) we need to adjust our fee based on the type of payment is chosen by the user. So we have to have a different fee for processing based on the method chosen. Accounts have to be setup to display credits. In other words, if a D gives a R credit for $5 on their next ride with them, we have to be able to display the credit associated with each D to each R so when that driver is used again the appropriate credit is assigned and deducted. Same idea as above but with D as well in the event we use it in the future.

Since the R has already created an account via paypal, cc, or ach then technically they are not purchasing anything, so the system will go through pre approval once the R submit the request, and if pre -approved then the Trip is not cancelled. Once the Trip is finished, then the fare will be calculated based on time and distance and fare rate by each driver, and when the D submit the fare it is charged by the servers either at that time or at a later time. System calculates an estimate for each driver that is nearest to the R and is displayed on the R app side, fare is based on the rate set by the driver.

1.3.10 Share credit with friends:

Accounts have to be setup to display credits. In other words, if a D gives R credit for $5 on their next ride with them, we have to be able to display the credit associated with each D to each R so when that driver is used again the appropriate credit is assigned and deducted. Same idea as above but with D as well in the event we use it in the future. Ability for D to join on a global advertising, in other words if they wish to give R a $5 credit on their first ride whether it is theirs or some other driver friend. Send texts and emails to all drivers asking them if they wish to participate in the $5 credit to first time users that just joined by invitations from their friends. If a ride is partially paid for by credit from a driver or any other source, the passenger will receive a text/email notifying as to who paid for part of their ride. So the database will track the donor for each credit into their account. Of course when the credit is given then it is subtracted from their account.

1.4   Application Flow:

Keep track all activities

Driver

Admin

Service Provider

Request for service

Keep track all activities

Passenger