Royal Ride - TMT CR Proposal

Prepared by	Change Summary	Version	Date
Vigneshwar	Proposal	1.0	30-October-2018

Customer Case Study

Business Name	Fleets	Country / Region	Business Model
Mobile Innovations Limited	100+	Accra / Ghana	Taxi services

Custom Requirements:

Corporate Web Booking

- Super Admin will add & manage the Web Booker with their Business Details – Business Name, Location, Logo, Email
- Web Booker will receive credentials to registered email address
- Web Booker need to login using their credentials & update their profile
- On Successful, login the landing page will be displayed with booking screen, brand name, logo
- Individual dashboard to view their past, upcoming, cancelled trips & earnings
- For Booking, Booker need to enter the Passenger pickup location, drop location, passenger name, contact no, email
- Need to select the vehicle type & book now / book later option
- If Book later, need to enter the required Date & time of pickup
- Request will be sent to nearest driver on selected vehicle category
- On driver acceptance, SMS & Email with Driver & Vehicle details will sent to passenger's mobile no & email

- Fare for the Trip Booking made by the Booker need to be paid by Corporate
- On trip completion, trip fare will be added to Corporate invoice
- Able to view the status of their booking
- Corporate Admin need to pay super admin according to the invoices generated by super admin

Geofencing – Zone fare

- Geo location feature to define the fare for Specific areas
- Admin can define the specific areas using Geofencing feature
- Admin can mark/draw the zones & provide the names for the zones in backend
- Fare can be defined according to the specified areas
- Trip fares will be calculated based on the price defined for these areas

- Admin can click on option Zone
- If Admin need to define the Zone within the city, then admin need to select the city from the drop down
- Else admin can define the zone without selecting the city
- Admin can mark/draw the zone in map of backend
- Admin can define a different fare for the zone, for each vehicle model
    - ✓ Ex., For Zone 1, admin can define the base fare, min km fare etc, separately for the zone for each vehicle model
- And while booking the trip, if pickup or drop location falls under the zone then the fare defined for that zone will be calculated for the Trip fare Invoice
- If admin didn't define the Zone fare for vehicle model, then actual model fare will be applied
- If the admin creates a new vehicle model, admin need to define the zone fare for the model Zone page

Shuttle Services

Super Admin

- Add and manage Bus model, bus capacity, bus number, bus amenities, bus image, Gender bus and bus fare
- Add and manage private hire model buses
- Add and manage Driver, driver details, driving license details
- Add and manage routes by deriving Start & End Points of the route

- Admin can derive the fixed fare between each pickup & drop points of the route
- Assign drivers for the routes and manage assigned bus
- Real time update of details in Admin panel

Passenger App

- Passenger need to book a Trip according to Bus standings (Pickup & Drop Points added by Admin)
- Passenger will select a Pickup & Drop Location
- Enter the Gender details for priority buses & total seats required
- Bus will be listed according to seat availability (If there is no seat availability, the bus will not be listed for passenger)
- If bus seats available after existing passenger drop off, then the seats will be available for upcoming passenger search the buses in the same route
- Buses will be listed according to the Trip on the same path
- Passenger can select a Bus to request for booking
- Automated booking request to bus driver
- Trip confirmation if driver accept the trip
- Auto calculation of distance and fare / Fixed fare defined by admin
- Passenger need to pay the Trip Amount generated by Credit Card
- Can call driver using default phone call
- Notifications upon Bus arrival
- Once passenger reached drop point, trip of passenger will be closed
- For Cash payment, passenger can pay it to driver after trip
- Email receipt in passengers registered email address
- Saves history of past trips for future reference
- Trip history – Past and current booking

Driver App

- Login credentials to every Driver
- Password recovery button
- Dashboard with driver account details
- Can see the location themselves over Google map

- Secured individual Driver profile with image, Email Id, phone number, driving license and taxi details

- Mandatory to activate GPS upon login

- Automatically receives passengers trip request with trip details

- Confirms passenger pick up by clicking Accept button

- Can call Passenger using default phone call

- Google navigation for ongoing trip

- Driver Manifest - List of passengers to be travelling for a Trip

- Notification on Passenger payment

- Send notification upon arrival to pick up passenger

- Start trip by clicking & start trip & button

- A unique Trip Id number for each trip

- History of completed trips

Delivery

- Customer able to send the single delivery at a time and once current delivery completed customer can book other delivery

- Customer able to add the comments for items – Details of the items to be delivered

- Need to enter the recipient Contact Name & Mobile number

- Request will be sent to the nearest available drivers

- Driver will have the recipient details with trip details

- Fare will be calculated based on the distance travelled

- Customer can pay only Credit Card. No cash payments

- If Recipient not available then driver will return to customer location of deliverable item and need to pay the return ETA charges to driver
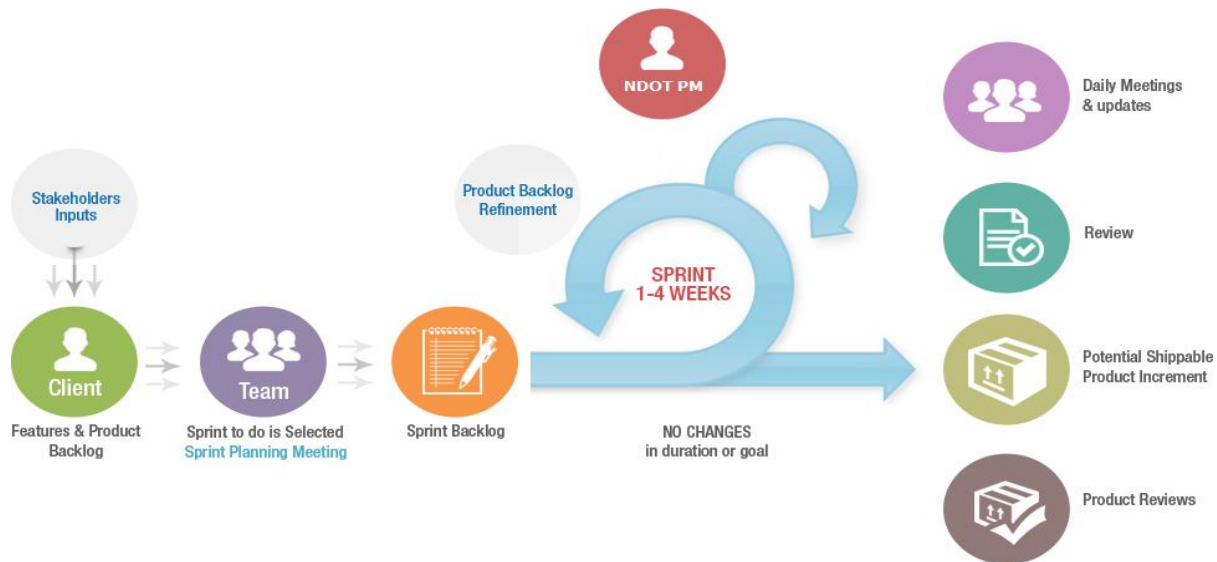
Agile Methodology / Scrum

Agile is a model which encourages incremental & iterative approach on development, which promotes adaptive planning, evolutionary development, early delivery, continuous improvement, and encourages rapid and flexible response to change.
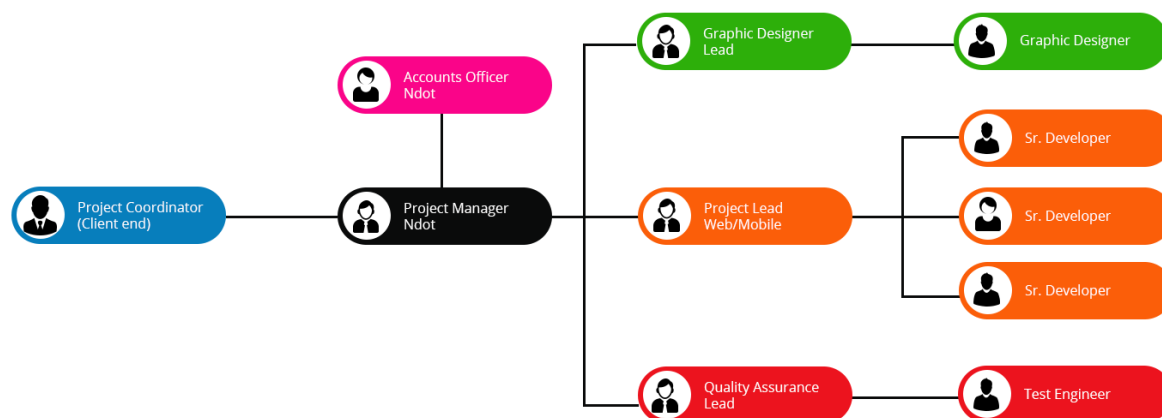
Read more about NDOT Agile Process:-

Scrum:

OPD (Outsourced Product Development) Model:

For additional customization & features development, we provide dedicated resource hiring model according to the client requirement. Client can hire their team and work directly with team. The hired team work as dedicated resources only for the hired client project & reporting to the client directly. The team will work minimum 5 days in a week, 160 Hours per Month. Below are resource plan of the team.

OPD - Resource Plan

- NDOT has been in business under the present business name for over 8 years
- NDOT does not have any commitments or potential commitments which may impact our assets, lines of credit, guarantor letters, or ability to perform the contracted service(s)
- NDOT has a demonstrated capacity to perform the required services

Project Coordinator (Client end) — Accounts Officer Ndot — Project Manager Ndot — Graphic Designer Lead — Graphic Designer — Project Lead Web/Mobile — Sr. Developer — Sr. Developer — Sr. Developer — Quality Assurance Lead — Test Engineer

Outsourcing Product Development - Resource Plan												
Skills area	Labor Classifications	Duties and Responsibilities									Count	Offshore - Cost/Month (USD)
		Plan	Analysis	Dev	Compliance	Deploy	QA	PM	DB	GD		
LAMP HTML 5, JQuery JS	Delivery Manager	✔	✔	✔	✔	✔	✔	✔	✔	✔	0	0
	Project Manager	✔	✔	✔	✔	✔	✔	✔	✔	✔	0	0
	Web/API/iOS/ Android Developers	✔	✔	✔	✔	✔	✔		✔		4	8,800
	UI/UX Designer	✔	✔							✔	0	0
	Test Engineer	✔	✔		✔		✔				0	0
	Total Resources										**4**	**8,800**

Approximate Timeline: 4 Months

The team structure provided above is indicative and based on our understanding of the features. If there are any additional resource needs, NDOT will bring the appropriate resources or extend the resources deployment duration on mutual agreement. Ndot can extend the contract period in case the given scope of the work is not yet completed in the estimated man months.

Pricing

S.No	Details	Price	Total
1	Custom Requirements – Retainer Model	8,800 USD	8,800 USD/Month

Payment Terms

S.No	Details	Details	Pricing
1	Custom Requirements – Retainer Model	Every 15 days	4,400 USD

Mobile Innovations Limited - Point of Contact:

Name	Designation	Email ID & Contact Number

NDOT - Point of Contact:

Name	Designation	Email ID
Aravindh	Asst Manager - Sales	aravindh.v@ndot.in
Vigneshwar	Manager - Business Analyst	vigneshwar@ndot.in

Signed by duly authorized signatories of each of the parties:

Counterparts	NDOT Technologies Pvt Ltd	Mobile Innovations Limited
Name Title Date		
Signature		