

Requirement Collection For Vehicle Renting And Management System

We (Niraj Chaudhary, Roll: 0942 and Md. Musa Ali, Roll: 0943) 3rd year students of Bachelor of Science in Software Engineering (BSSE), Institute of Information Technology, University of Dhaka, are going to develop an android application on **Vehicle Renting and Management System(VRMS)** for our SPL-2 course which is supervised by our supervisor **Dr. Mohammed Shafiul Alam Khan**. VRMS is owner and borrower based application where borrower can book vehicles from vehicle's owner for transporting goods. For the development of this application we need realistic information. We would like to request you to help us in collecting the required information by answering the following questions. Your small step will help us in developing an efficient application.

Please select your perspective role in the application (Select anyone)

- ☐ Truck owner
- ☐ Truck borrower/user

User Accounts

1.Which one you prefer to manage a user account?(select any one)

- ☐ Email
- ☐ Mobile number

2. What other Information you think could be included with user account ?(multiple)

- ☐ Name
- ☐ Address
- ☐ NID
- ☐ password
- ☐ And.....

Only For Truck Owner

3.What specific Information about vehicle driver you think should be kept in the system?(multiple)

- ☐ Name
- ☐ Mobile no.
- ☐ Email-id
- ☐ Permanent address
- ☐ NID
- ☐ And.....

Booking Policy:

1. When a customer have to confirm a truck?
 - a. At least 6 hours before
 - b. At least 3 hours before
 - c. If other specify.....
2. How would you prefer to book a truck?
 - a. Selecting from available trucks
 - b. Creating trip to bid
 - c. If other specify.....
3. What are the necessary information to book? (multiple choice)
 - ☐ Pick up point
 - ☐ Destination
 - ☐ Date
 - ☐ Time
 - ☐ Truck capacity
 - ☐ Goods details
 - ☐ and.....
4. How customer communicate with owner before confirming truck
 - a. Directly call
 - b. Through a standard communication system
5. When the booking will be confirmed?
 - a. After notification from owner
 - b. After paying some advance
 - c. If other specify
6. How can an owner and a customer communicate with driver?
 - a. directly call
 - b. inform through message
 - c. if other specify

Load /unload:

1. Who will be responsible for goods load/unload ?
 - a. Vehicle owners worker
 - b. Customer side

If vehicle owner is, Please answer the following questions:

➡ How you prefer to charge the load/unload cost?

- c. Per hour
- d. Per head
- e. If other specify.....

➡ Please specify the wage according to your preference ?

- a. per head..... Tk/head
- b. per hour..... Tk/hour
- c. Standard working rate.(market rate)

Pricing Policy

1. On What basis the pricing policy depend?
 - a. Base on distance
 - b. Base on time
 - c. Both
2. Depending on its basis what will be the rate (per kilometer or per hour)?
Please specify
 - a.Tk/km
 - b.Tk/hour
3. In case if there is extra delay, What amount do you prefer to charge for waiting charge?
 - a.Tk/hour
 - b.Tk/minute
 - c. No waiting charge
4. What type of payment system will you prefer?
 - a. Online payment
 - b. Offline payment(hand to hand)

5. If its offline payment who will receive the cash from client/customer?
 - a. Full payment to driver
 - b. Full payment to owner
 - c. Some advance(owner) and then full payment(driver)
6. If it's online How will be the payment system?
 - a. Full payment after delivery
 - b. Full payment before delivery
 - c. Some advance payment and then full payment
6. If advance, how much percent of total amount you want as advance?
Please specify.....