# . Net Practical Test

### QualitApps Asia (pvt) Ltd.

Design the web application to distribute the parcel. Application has three roles such as an Admin, Driver and Customer. Admin or Customer can add booking. When adding a booking, users have to fill a Form with following inputs; From Address, To Address, Type of Goods, Date time, Weight and Pricing Mechanism and assign the driver to booking.

Admin role able to,

1. Customer Management – Add/Edit/Delete
2. Driver Management – Add/Edit/Delete
3. Booking Management – Add/Delete Booking/Assign drivers (Already assigned drivers should not be visible – write stored procedure for this)

Customer role able to,

1. Booking Management – Add/Delete Booking/Assign drivers (Already assigned drivers should not be visible – write stored procedure for this)

Admin can log into the system and manage the system. Customers are also able to log in to the Web portal. Can see their booking details and the status of the booking and create new booking. They cannot select the pricing mechanism and driver

1. Add the booking
2. Booking list with status(Search and Filter)
3. See the invoices for the customer with status

Drivers have a separate mobile application to see bookings that are assigned to them (Do not need to create a mobile application). But needs to create a service which is able to be accessed via mobile application.

1. See all the booking assign to him
2. Update the system with booking details

**Prefered Technologies**

* Latest .Net Technologies (.Net Core 3.1 or higher more preferable)
* Any Js framework (Angular 6 or higher more preferable)
* MS SQL Server or MySQL

**Expectations**

* Apply Design Patterns and design the project Architecture.
* CRUD implementation for only one module is sufficient.