**1. Out of the personal details you provided during the sign-up process – which details are**

**unique per user?**

Email, telephone number

**2. What kind of data validations are done in the sign-up process, for each sign-up detail?**

a. **Format check** – the data is provided in the defined format

Name: Only alphabetical characters are permitted

Phone number: Only numeric characters are permitted

Email: Checks the email format (for example, existence of “@”)

**b. Length check** – for example, how many characters are permitted for the specific field,   
 what are the maximum and the minimum length

Name: min/max number of the symbols

Phone number: min/max number of the characters. Perhaps it also checks the length   
 according to the acceptable settings of each region

c. **Table check** – The existence of the data in the DB. For example, email/phone number   
 are already exist in the table, the user could not finish the sign-up process.

d. **Presence check** – The sign-up process cannot be finished without inserting all the data   
 in the required fields. It is relevant for name, phone number and email

**3. Name all the ways to pay for rides. Add a short explanation about each payment method,**

**and explain the difference between them.**

1. **Credit card –** the user can enter the details of his valid credit card
2. **Pay pal –** the user can pay with his pay pal account, if he chooses this option, he will be redirected to the Pay pal homepage to complete the login info.
3. **Google pay –** the user can pay with one-time-use password which is supplied by Google.
4. **Promo codes –** the user can insert the promo code and purchase the ride. In this case, there is no actual money withdrawal
5. **Free rides –** in case the user shares his referral code, he gets 10$ of Ride Credit.
6. **Ride credit -** it will be used automatically to pay for rides. For purchase Ride Credit user needs to define the payment method for charging.

**Understanding backend flows**

In line 8 I see the problem in “server-options” in Main configurator.

The cause of the problem may be the follows:

1. Wrong username and/or password used in connection to user management tool.
2. Problem connecting to the DB.

**Testing App features**

1. **The user decides to purchase 50$.**

There is a web service request to credit card company for the payment.

In case there is some problem, the user gets an error message (for example, “check the payment with the credit card company”), the Ride Credit is not updated.

In case the response of the credit card company is positive, there is the procedure of updating the dedicated table in the DB with the new balance. The new balance is the sum of the existing balance in the account and the 50$ of the last purchase.

1. **The ride cost will be charged using the Ride Credit.**

In this case there is a request to charge the ride cost from the total sum. The balance in the table will be updated (total – ride cost) by DB procedure and the new balance will appear in the dedicated table in the DB.

1. **5-7 sanity tests for the Ride Credit feature (Ride Credit purchase process and the process**

**of payment for the ride using Ride Credit)**

* 1. Given the user with some balance

When the user adds some amount to his ride credit

Then the ride card has new balance (the sum of the previous balance and new purchase)

* 1. Given too low balance

When the user wants to pay

Then Via will charge the credit card

* 1. Given the user checked the Auto-Refill radio button

And user keeps riding

When the credit drops below 10$

Then Ride Credit is automatically refilled

* 1. Given the user pays upfront 25$/50$/100$

When earns discount

Then the charge is only 24$/47.75$/95$ respectively

* 1. Given the user with blocked credit card

When tries to purchase the ride

Then gets an error message with details

* 1. Given the user changes a payment method

When the user returns to the main page of the feature

Then an updated payment method is represented

* 1. Given the text “Remaining Credit: 0.00$”

When purchases some amount (for example, 25$)

Then the text is “Remaining Credit: 25.00$”

1. **What would you ask the Product Manager and/or Dev team regarding Ride Credit feature**

**implementation and design?**

**4.1** Which DB tables are involved in the Ride Credit purchase process and the process

of payment for the ride using Ride Credit?

**4.2** For example, the user has the promo code for 10$. But for the ride he needs to pay 20$. Could he pay 10$ from the promo code and 10$ in other payment method for the same ride?

**4.3** The user has Ride Credit with some balance and get the Free Rides (10$). Is the balance of Ride Credit updated by adding 10$ to the balance?

**4.4** What are the statistics of the usage in Ride Credit feature? In case there are known days of week/month when the usage is higher, could the feature be popped up the first in the home page?

**4.5** Do you plan to add some other payment methods in the future?

**4.6** If the color of the Remaining Credit Status could change according to the balance? For example, low balance (under 20$) = red color, high balance = green color…

1. **Which 3 of the test cases that you mentioned in the previous question, in your opinion,**

**are the most crucial for the Ride Credit feature test plan?**

**4.1**

**4.2**

**4.3**