1. Create high level Test Plan for "Rent a car" functionality of <https://www.lyft.com/rider/rentals>.

ANSWER :-

**Test Plan for "Rent a Car" Functionality**

**1. Introduction:** Greetings Team,

I've put together a Test Plan to ensure the "Rent a Car" feature on the Lyft website runs smoothly. Our goal is to make sure users can easily rent a car without any hiccups.

**2. Objective:** Our objective is crystal clear: Ensure users can rent a car hassle-free through the Lyft website. We want to guarantee that the feature is easy to use, works as expected, and doesn't cause any headaches for our users.

**3. Scope:** Here's what we're focusing on:

* Making sure users can find the "Rent a Car" section.
* Checking that users can pick rental dates, times, and locations without any issues.
* Verifying that users can select a car from the available options.
* Ensuring the payment process is smooth and users receive confirmation of their rental.
* We'll also be exploring what happens if users encounter errors or unusual situations.

**4. Test Scenarios:**

* **Positive Scenario: Smooth Sailing Rental**
  + Description: Let's ensure users can rent a car without a hitch.
  + Steps:
    1. Go to the Lyft website.
    2. Click on "Rentals."
    3. Choose the rental location, date, and time.
    4. Select a car.
    5. Enter payment details and confirm.
  + Expected Result: Users get a thumbs-up confirming their car rental is all set.
* **Negative Scenario: Bumpy Road Rental**
  + Description: Let's see how the system handles errors or invalid requests.
  + Steps:
    1. Visit Lyft's website.
    2. Navigate to "Rentals."
    3. Pick a past date or incomplete information.
    4. Try to rent a car.
    5. Hit submit.
  + Expected Result: Users receive clear error messages if something's amiss with their rental request.

**5. Test Cases:** We'll dive deeper into each scenario with detailed test cases. These will include step-by-step instructions and what we expect to see at each stage.

**6. Test Execution:** Our team will carry out the testing using a mix of manual and automated methods. We want to leave no stone unturned in ensuring the "Rent a Car" feature is top-notch.

**7. Defect Management:** Any issues we find will be logged, prioritized, and tracked diligently. We'll make sure to tackle them promptly and keep everyone in the loop.

**8. Conclusion:** Once we've wrapped up testing, we'll compile a summary report. This will highlight our findings, any roadblocks we encountered, and suggestions for further improvements.

Let's make sure renting a car with Lyft is as smooth as cruising down an open highway!

1. 2. Describe in details at least 2 the most critical scenarios (1 positive and 1 negative) to test “Rent a car” form functionality of <https://www.lyft.com/rider/rentals>.

ANSWER:

**Positive Scenario: Successful Rental Booking**

Description:

* This scenario tests the successful booking of a car rental through the Lyft website.

Steps:

1. Navigate to the "Rentals" section on the Lyft website.
2. Choose the desired rental location, date, and time for pickup and return.
3. Select a vehicle from the available options.
4. Provide valid payment information and confirm the rental booking.
5. Verify that the system generates a booking confirmation and displays the rental details.

Expected Outcome:

* The rental booking process should proceed smoothly without any errors or interruptions.
* Upon confirmation, users should receive a booking confirmation email containing all relevant rental details.
* The Lyft website should display the confirmed rental details, including the selected vehicle, pickup and return location, date, and time.

**Negative Scenario: Invalid Pickup Date**

Description:

* This scenario evaluates how the Lyft website handles invalid pickup dates during the rental booking process.

Steps:

1. Access the "Rentals" section on the Lyft website.
2. Choose a pickup date that is in the past or too far in the future.
3. Proceed with selecting a vehicle and providing payment information.
4. Attempt to confirm the rental booking with the invalid pickup date.

Expected Outcome:

* The Lyft website should display an error message indicating that the selected pickup date is invalid.
* Users should be prompted to choose a pickup date within a valid range.
* The system should prevent the user from proceeding with the rental booking until a valid pickup date is selected.

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