1. We have an input field for the City. It cannot be empty, up to 20 chars allowed (only letters).

2. There are 5 countries with different payment systems allowed. For example, its only allowed to use Mastercard in Ukraine, Italy and France. Visa is valid for Canada and United States

3. Driver license exam The Student has 2 attempts to pass it. If he fails for 2 times, then he’s banned for 1 year, if the exam is passed for the 1st or 2nd time, Driver license is issued for him.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Suit ID | Test Case ID | Test Case Name | Test Procedure | Test Data | Test Time | Test Duration | Result Expected | Result Found | Status |
| 1 | 1 | Positive | Check input with register (Aa…), end repeat in name of city (AaaA…) |  |  |  | Only first letter,  all in down register,  all in up register |  |  |
|  |  | **Boundary value analysis** | Check if it real City |  |  |  |  |  |  |
|  |  |  | Check language input |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | 2 | Negative | If user input special symbols like !, @, #... |  |  |  | incorrect input |  |  |
|  |  |  | If user input above 20 characters (21) |  |  |  | input error |  |  |
|  |  |  | If user input nothing and press bottom |  |  |  | null |  |  |
|  |  |  | If user input only one letter like “a” |  |  |  | incorrect input |  |  |
|  |  |  | Check input on numbers (1988), numbers with letters |  |  |  | incorrect input |  |  |
|  |  |  | If user type city name and nothing happened |  |  |  | bug |  |  |
| 2 | 1 | Positive | |  |  |  | | --- | --- | --- | |  | Ukraine/ Italy/ France | Canada/ USA | | MasterCard |  |  | | Visa |  |  | |  |  |  | |  |  |  |  |  |  |
|  |  | **Equivalence partitioning** | Use Visa in Canada and USA with positive result |  |  |  |  |  |  |
|  |  |  | Use MasterCard in Ukraine, Italy and France with positive result |  |  |  |  |  |  |
|  | 2 | Negative | Use MasterCard in Canada and USA |  |  |  |  |  |  |
|  |  |  | Use both MasterCard and VISA in Canada and USA |  |  |  |  |  |  |
|  |  |  | Use Visa in Ukraine, Italy and France |  |  |  |  |  |  |
|  |  |  | Use both MasterCard and VISA in Ukraine, Italy and France |  |  |  |  |  |  |
|  |  |  | Use something else in one of that cases |  |  |  |  |  |  |
|  |  |  | Use Visa in Canada and USA with negative result |  |  |  |  |  |  |
|  |  |  | Use MasterCard in Ukraine, Italy and France with negative result |  |  |  |  |  |  |
| 3 | 1 | Positive | If student pass from 1 time |  |  |  |  |  |  |
|  |  | * 1. **pairwise testing** | If student pass from 2 times |  |  |  |  |  |  |
|  |  |  | If student pass from 3 times and more |  |  |  |  |  |  |
|  |  |  | How many times he has at all? |  |  |  |  |  |  |
|  |  |  | If he won’t pass the exam and get license |  |  |  |  |  |  |
|  | 2 | Negative | If he banned before exam |  |  |  |  |  |  |
|  |  |  | If he banned if else he passed exam |  |  |  |  |  |  |