**Scenario configuration**

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| --- | --- | --- |
| Name | Class | Scenario |
| setUpScenary1() | SantaListTest |  |
| setUpScenary2() | SantaListTest |  |

Test Cases Design

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| --- | --- | --- | --- | --- |
| Test Objective | Validate that builder method is correctly working | | | |
| Class | Method | Scenario | Input Values | Result |
| DeliveryRouteTest | deliveryRoute | setUpScenary2() | country: “Argentina”  initial: “C” | The route is created with all children who belong to the country that was passed by parameter and who has the initial that was passed as a parameter like first letter of their name, so the will be that the object(Graph) route it’s gonna be composed by the children Caro, Carlos. |

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| --- | --- | --- | --- | --- |
| Test Objective | Validate that the method defineDistanceTest is correctly working | | | |
| Class | Method | Scenario | Input Values | Result |
| DeliveryRouteTest | defineDistanceTest | setUpScenary2() | name = “Caro”  lastname = “Torres”  age = 10  country = “Argentina”  city = “Buenos Aires”  address = “Calle 30-50”  name = “Carlos”  lastname = “Rojas”  age = 11  country = “Argentina”  city = “La Plata”  address = “Calle 30-60” | The method will be return a random num between 10 and 30 multiple of 3. |