Inhaltsverzeichnis

[Screenshot 1](#_Toc67245754)

[Testing of doCarTurn & calculatePath 2](#_Toc67245755)

[Testing of getWinner 3](#_Toc67245756)

[Testing of getCarId & getCarPosition & switchToNextActiveCar & willCarCrash 4](#_Toc67245757)

Screenshot

## Testing of addPlayer

**Equivalence Partitioning**

|  |  |
| --- | --- |
| A1 | invalid arguments |
| A2 | Already Existing Player |
| A3 | Valid number of players |
|  |  |
| A4 | Valid arguments |
| A5 | Player does not exist yet |

**Test log**

|  |  |  |  |
| --- | --- | --- | --- |
| **testcases** | **Expected** | **Eqivalence Partititoning** | **Result** |
| addPlayer\_invalidArgumentNameIsNull\_returnsFalse | false | A1 | passed |
| addPlayer\_invalidArgumentNameIsEmpty\_returnsFalse | false | A1 | passed |
| addPlayer\_invalidArgumentColorIsNull\_returnsFalse | false | A1 | passed |
| addPlayer\_NameAlreadyExists\_returnsFalse | false | A2 | fails |
| addPlayer\_ColorAlreadyExists\_returnsFalse | false | A2 | passed |
| addPlayer\_AllPlayerHaveBeenAddedNoMoreSpace\_returnsFalse | false | A3 | passed |
| addPlayer\_CorrectAndUniqueArguments\_returnsTrue | true | A4, A5 | passed |