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| **Project Name: Rental Bike** | |
| **Unit Test: Check the calculate fee function** | |
| **Test Case ID:** Fun\_004 | **Test Designed by:** Nguyen Phu Truong |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 21/12/2021 |
| **Module Name:** Check calculate fee function | **Test Executed by:** Nguyen Phu Truong |
| **Test Title:** Check calculate fee function | **Test Execution date:** 21/12/2021 |
| **Description:** Check if calculate fee function is correct |  |
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| **Test Techniques for Black Box Test:** Decision Table | |
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| **Total Minutes** | **Bike Type** | **Expected Formula** |
| <= 30 | Bike | 10.000 |
| E-bike or Twin Bike | 10.000 \* 1,5 |
| > 30 and (Total Minutes - 30) % 15 = 0 | Bike | 10.000 + ((Total Minutes - 30) / 15) \* 3.000 |
| E-bike or Twin Bike | 10.000 \* 1,5 + ((Total Minutes - 30) / 15) \* 3.000 \* 1,5 |
| > 30 and (Total Minutes - 30) % 15 != 0 | Bike | 10.000 + ((Total Minutes - 30) / 15 + 1) \* 3.000 |
| E-bike or Twin Bike | 10.000 \* 1,5 + ((Total Minutes - 30) / 15 + 1) \* 3.000 \* 1,5 |

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| **Test Techniques for White Box Test:** C1 measure: Executed all branches |
| Control flow test of “**Calculate Fee Function**” |