**TDD2**

|  |  |  |  |
| --- | --- | --- | --- |
| **S/N** | **Precondition (Given that)** | **Action (When)** | **Assertion (Check that)** |
| **1** | Bike is off | I turn it on | bike is on |
| **2** | Bike is on | When I turn it off | bike is off |
| **3** | Bike is on, gear 1, speed = 15 | I accelerate | Speed is now 16 |
| **4** | Bike is on, gear 2, speed = 24 | I accelerate | Speed is now 26 |
| **5** | Bike is on, gear 3, speed = 35 | I accelerate | Speed is now 38 |
| **6** | Bike is on, gear 4, speed = 44 | I accelerate | Speed is now 48 |
| **7** | Bike is on, gear 1, speed = 15 | I decelerate | Speed is now 14 |
| **8** | Bike is on, gear 2, speed = 24 | I decelerate | Speed is now 22 |
| **9** | Bike is on, gear 3, speed = 35 | I decelerate | Speed is now 32 |
| **10** | Bike is on, gear 4, speed = 44 | I decelerate | Speed is now 40 |
| **11** | Bike is on, gear 1, speed = 20 | I accelerate | Speed is now 21-gear 2 auto |
| **12** | Bike is on, gear 2, speed = 21 | I decelerate | Speed is now 19-gear 1, auto |
| **13** | Bike is on, gear 2, speed = 30 | I accelerate | Speed is now 32-gear 3 auto |
| **14** | Bike is on, gear 3, speed = 31 | I decelerate | Speed is now 28-gear 2 auto |
| **15** | Bike is on, gear 3, speed = 40 | I accelerate | Speed is now 43-gear 4-auto |
| **16** | Bike is on, gear 4, speed = 41 | I decelerate | Speed is now 37-gear 3 auto |