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| **Project Name: Project 1: Voting System Team# 3** | |
| **Test Stage: Unit X\_\_ System \_\_** | **Test Date: 4/2/2020** |
| **Test Case ID#: stv\_candidate\_UT006** | **Name(s) of Testers: Bryan Baker** |
| **Test Description:**  **The test verifies that stv candidates can set a value for the firt ballot number.** |  |
| **Automated: yes\_X\_\_ no \_\_\_** | **Test File: candidate\_UT.cc**  **Method: TEST\_F(STVCandidateTests, SetFirstBallotNum)** |
| **Results: Pass \_\_X\_\_\_ Fail\_\_\_\_\_\_\_\_** |  |
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| **Preconditions for Test:**  **Create one stv candidate objects, candidate2** | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| 1 | Check the initial number of ballots for candidate2 | candidate2 | 0 | 0 |  |
| 2 | Try to set the ballot number to a positive value. | candidate2 | Expect no exception | No exception found. |  |
| 3 | Try to set the ballot number to a negative value. | candidate2 | Expect an exception | Exception found. |  |
| 4 |  |  |  |  |  |
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**Post condition(s) for Test:**

It is known that an stv candidate object can have its first ballot number set only to a positive value.