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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\_UT007** | **Name(s) of Testers: Bryan Baker** |
| **Test Description:**  **The test verifies that stv candidates can get and set the first ballot number.** |  |
| **Automated: yes\_X\_\_ no \_\_\_** | **Test File: candidate\_UT.cc**  **Method: TEST\_F(STVCandidateTests, GetFirstBallotNum)** |
| **Results: Pass \_\_X\_\_\_ Fail\_\_\_\_\_\_\_\_** |  |
|  |  |
| **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 ballot number. | candidate2 | 0 | 0 |  |
| 2 | check the initial ballot count. | candidate2 | 0 | 0 |  |
| 3 | Set the first ballot number to 1 | candidate2 |  |  |  |
| 4 | check the first ballot number. | candidate2 | 1 | 1 |  |
| 5 | Set the first ballot number to 200 | candidate2 |  |  |  |
| 6 | check the first ballot number. | candidate2 | 200 | 200 |  |

**Post condition(s) for Test:**

It is known that an stv candidate object can have its first ballot number set.