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| **Project Name: Project 1: Voting System Team#08** | |
| **Test Stage: Unit X\_ System \_\_** | **Test Date: 3/23/2023** |
| **Test Case ID#: IRBallot\_02** | **Name(s) of Testers: Mark Jokinen** |
| **Test Description: Tests UpdateRank()** |  |
| **Automated: yes\_X\_ no \_\_\_** | **Indicate where are you storing the tests (what file) and the name of the method/functions being used.**  **IRBallotTest.cpp, IRBallot.cpp** |
| **Results: Pass \_\_X\_\_ Fail\_\_\_\_\_\_\_\_** |  |
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| **Preconditions for Test: testBallot initialized with ballotInfo “1,3,2,4”** | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| 1 | Call testBallot.UpdateRank() | [testBallot](mailto:example@gmail.com) | None | None |  |
| 2 | Call testBallot.CurrentRank() | [testBallot](mailto:example@gmail.com) | 2 | 2 |  |
| 3 | Call testBallot.forCandidate() | [testBallot](mailto:example@gmail.com) | 2 | 2 |  |
| 4 | Call testBallot.IsNoRanks() | [testBallot](mailto:example@gmail.com) | False | False |  |
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**Post condition(s) for Test:**

testBallot has incremented its currentRank and we have validated the attributes were set properly