## CS163 Test Plan

**Develop the test plan:** *For each member function that you plan to write, think about how to test it – what flow of control exists in the member function and how would you test out all conditions:*

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| **Test Case(s)** | **Expected Result** | **Verified?**  **(yes/no)** |
| **Add\_candidate();** | **Create a new candidate data.** |  |
| **Copy\_candidate();** | **Copy a candidate date asked.** |  |
| **Find\_candidate();** | **Find the corresponding candidate date. If found, it shows the data. If not, no data found.** |  |
| **Remove\_candidate();** | **The current candidate data will be removed.** |  |
| **Display\_candidate();** | **Display the current candidate data.** |  |
| **Insert();** | **A new candidate will be add to the linear linked list and it shows success sign.** |  |
| **Update\_poll();** | **Update the poll data and it shows the rank in the poll.** |  |
| **Update\_information();** | **The candidate’s information will change and it shows the updated information.** |  |
| **Display\_all();** | **Display all the candidate date in the LLL ordered by rank or last name** |  |
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**Verify correctness:** Using the above test plan, create a test program that tests the interactions of all functions together.