**HCI KLM**

**18BCE0759**

**SRI TEJA ALURI**

**Current design**

**Operator sequence**

1. point to file icon P

2. press and hold mouse button B

3. drag file icon to trash can icon P

4. release mouse button B

5. point to original window P

Total time will be = 3P + 2B = 3\*1.1 + 2\*.1 = 3.5 sec

So we estimate that carrying out this task on the current design will take about 3.5 secs for the physical actions alone.

**New Design using Power Key**

**Operator sequence will be**

1. point to file icon P

2. click mouse button BB

3. move hand to keyboard H

4. hit command key command-T KK

5. move hand back to mouse H

Total time will be = P + 2B + 2H + 2K = 1.1 + .2 + .8 + .56 = 2.66 sec

Conclusion- In Scenario No. 1, using the power key produces a noticeably faster execution time over the original design, saving of about a second.