

## Gesture Detection Testing

To test the gesture detection, in addition to having people test it out during user testing, we also conducted unit tests to test out each individual gesture. We made a unit testing system that would give you around five seconds to make the stated gesture after which it checks for the command. After going through all six gesture tests, it outputs the pass to fail ratio of all the tests. We found that the tests were successful and managed to get the gesture detection at a level of accuracy that made navigating the user interface work very well.

```
.Make Peace Sign in...
5.0
4.0
3.0
2.0
1.0
.Make Right Sign in...
5.0
4.0
3.0
2.0
1.0
.
-----
Ran 6 tests in 30.509s
OK
```

The figure above shows a couple test cases followed by the total tests done.