# **BAB 4**

**HASIL PENELITIAN**



## ***Testing Environment***

### **Spesifikasi Sistem**

#### **Device**

Aplikasi dijalankan pada perangkat pc dengan spesifikasi sebagai berikut.

|  |  |  |
| --- | --- | --- |
| Operating System | : | Android Marshmallow 6.0.1 |
| CPU | : | Quad-core 2.5 GHz Krait 400 |
| RAM | : | 3 GB |
| Internal Memory | : | 64 GB |



#### **Server**

The prediction system is hosted on the Openshift Online Next Gen server. The server runs on Red Hat Enterprise Linux 7, and supports Apache Tomcat for Java environment integration.

### **Perangkat Lunak**

The following are the software used in this study.

1. NetBeans IDE 8.2
2. Android Studio 2.2.3
3. Microsoft Excel 2016
4. Tomcat Server 8.0
5. R 3.3.2
6. Gensim 0.13.3

### ***Library***

The following are the libraries that were used in this study.

1. Twitter4j 4.0.4
2. JExcel 2.6.12
3. Weka 3.8.0
4. Twokenizer
5. XGBoost (via R)
6. JodaTime 2.9.5
7. JSastrawi 0.1
8. Commons-lang 2.6
9. Gson 2.3.1

## **Hasil**

* 1. **Evaluasi *User***
  2. **Evaluasi Sistem**