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# Test environment

This Document contain the list of necessary resources, tools, hardware, software’s for Testing.

## Resources:

* Testing Site Link- [OrangeHRM](https://www.orangehrm.com/)

## Hardware: Devices to be used in/ for testing

* Dell Vostro PC (Windows OS)

\*Android devices will be run virtually.

## Software:

### Web browsers and Operating systems:

|  |  |  |
| --- | --- | --- |
| Devices | OS Version | Browsers |
| Dell Vostro | Windows 10 Pro | Chrome, Edge |
| Pixel 5 | Android 9 (Oreo) | Chrome |

### Testing Software:

|  |  |
| --- | --- |
| **Software** | **Purpose** |
| Selenium | Windows App UI Testing |
| Apache JMeter | Load Testing |
| IntelliJ IDE | General Coding environment |
| Android Studio | Manual actions on virtual Android device |
| Appium Server | Running virtual android devices. |
| Appium inspector | Android element inspections |

### CI-CD pipeline:

|  |  |
| --- | --- |
| Tools | Purpose |
| Jenkins | Automation Server |
| GitHub | Continuous Integration |
| Bash | Pipeline execution |

## Network:

**Internet Speed:** 25Mbps(download) / 5Mbps(upload)

**SSL certification**: for load testing with JMeter.

## Data:

Valid Credentials for Sign in