**Test environment** is the setup in which testing is performed. It includes hardware, software, and network configurations required for testing. In the case of an e-commerce project, the test environment can be divided into the following:

For example, in the case of an e-commerce project, the test environment should have the following:

**Hardware and Software Component**

|  |  |
| --- | --- |
| **Hardware Requirements** | |
| Device | Laptop |
| Processor | i5, i7 |
| RAM | Minimum 8GB |
| CPU speed | 2.6GHz. |
| Main Memory | Minimum 512MB |

|  |  |
| --- | --- |
| **Software Requirements** | |
| Operating System | Windows |
| Programming Language | Python |
| DBMS | MySQL |
| Web Development Tools | HTML, CSS, JavaScript, Bootstrap |
| Machine Learning Libraries | scikit-learn, pandas, numpy, open cv |
| Data Visualization Tools | matplotib, seaborn |
| Version Control System | Git |
| Web Browsers | Google, Firefox, Internet Explorer |
| Framework | Flask |