**Hardware requirement**

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| S/N | Tool | Description | Purpose |
| 1 | Computer | Main processing unit | Executes code, runs development environment |
| 2 | Monitor | Display screen | Provides visual interface for development |
| 3 | Keyboard | Input device | Allows user to input commands and text |
| 4 | Mouse | Pointing device | Provides navigation and selection capability |
| 5 | CPU | Central Processing Unit | Executes instructions, performs calculations |
| 6 | RAM | Random Access Memory | Temporarily stores data and program instructions |
| 7 | Storage Device | Hard Drive or Solid State Drive (SSD), | Stores data and program files |

**Software Requirement**

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| S/N | Tool | Description | Purpose |
| 1 | Operating System | Window | Provides basic system services and manages hardware |
| 2 | Integrated Development Environment (IDE) | Visual Studio Code And PyCharm | Provides tools for writing, testing, and debugging code |
| 3 | Python Interpreter | CPython | Executes Python code |
| 4 | Web Browser | Google Chrome | Accesses web-based documentation and resources |
| 5 | Djando framework | Python framework for web backend development | Backend development |