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| |  | | --- | | **4.1 Testing Tools** | | | **No.** | **Resources** | **Descriptions** | | --- | --- | --- | | 1 | **Database Server** | A test server with MySQL installed to host transactional and user data used during testing. | | 2 | **Application Server** | A staging environment where the Online Banking System is deployed for functional and system testing. | | 3 | **Client Machines** | At least 4 desktop/laptop units running Windows 10, with 4GB RAM and updated browsers, used to simulate multiple users. | | 4 | **Internet Connection** | A stable LAN or Wi-Fi connection with a minimum speed of 10 Mbps to support simultaneous testers. | | 5 | **Browsers** | Latest versions of Chrome, Firefox, and Microsoft Edge for cross-browser compatibility testing. | | 6 | **Test Management Tool (optional)** | Tools like TestLink or Google Sheets used to manage test cases, track execution status, and log defects. | | 7 | **Automation Testing Tool** | Selenium – used to automate repetitive test cases (e.g., login, navigation, form submissions), saving time and reducing manual effort. | | |