# **1.5 Project Assumptions**

1. **Project Timeline:**  The entire system development, testing and documentation will be completed within the estimated timeline, with final delivery by September 28th 2025. All tasks and milestones will be achieved through github.
2. **User Access To Technology:**  All end-users are assumed to have internet access , required hardware (i.e. desktop , mobile , laptops) and modern browsers installed in those devices.
3. **Use of Sample and Dummy Data:** For testing and demonstration phases , publicly available DICOM images (The Cancer Imaging Archive (TCIA)) and simulated sample data for patient details will be used.
4. **Third-Party Tools and libraries:** Open source tools like OHIF will be used for image viewing and handling. It is assumed to be stable and is sufficient for core functions and integration.
5. **Role-Based System Simulation:** The different user roles within the system will be functional but represented by test accounts with privileges.
6. **User Consent and Terms Acceptance:** Users will accept terms and conditions of the platform, which will serve as a consent for the usage of personal data.
7. **Audit and Testing:** Open- Source tool (i.e. selenium) will be used for testing purposes. Audit trails and access logs will be available for Auditing.
8. **Security Implementation:** The system will include security mechanisms like Encrypted data transmission (Https) , Access control based on user roles, Session-based authentication, Secure login system.