**EDU LEARN (TEAM-03)**

**Wiki-Page Link:** <https://github.com/s566466div/GDP-Project-EduLearn-03/wiki/Non%E2%80%90functional-Requirements-List-(Iteration-1)>

**Non-Functional Requirements(Iteration 1):**

**1. Security:**

* Access to the system should be controlled based on user roles, with strong authentication and permission processes.
* Apply encryption to safeguard course materials and user data during transit and storage.

**2. Performance:**

* Video streaming should be optimized to minimize buffering and provide smooth playback across various network speeds.
* Reading materials and other content should be delivered efficiently to reduce load times, especially for users with slower internet connections.

**3.Device Compatibility:**

* The platform's user interface should be designed using responsive web design principles to ensure compatibility with different devices and screen sizes.
* Users should be able to access and interact with course content seamlessly regardless of the device they are using.

**4.Scalability:**

* The system should be designed to accommodate a growing user base and increasing volumes of course content.

**5.Regulatory Compliance:**

* The platform should comply with relevant data protection regulations to ensure the privacy and security of user data.
* Copyright laws and intellectual property rights should be respected, with proper permissions obtained for hosting and distributing course materials.

**6.Usability:**

* Employ clear and simple instructions to enable users to navigate the system successfully.

**7.Availability:**

* Ensure continuous access to learning resources through redundant storage systems, reducing the risk of data loss and maintaining consistent availability.
* Strive for high availability and uptime to deliver uninterrupted learning experiences for users, minimizing downtime and ensuring seamless access to course materials.

**8.Reliability:**

* Strive to maintain high availability by minimizing disruptions caused by maintenance or unexpected faults.
* Utilize real-time monitoring systems to identify and reduce potential concerns before they develop into critical issues.