**Keywords in Software Testing**

* Build
* Project
* Version
* Deployment
* Beta
* Refactor
* Walkthrough
* BRS
* LLD
* RAD
* Prototype

**Build** : A build refers to a specific instance or snapshot of the software code at a particular point in time. It is the result of compiling, linking, and packaging the source code to produce an executable or deployable artifact..

**Project :** A project is a temporary endeavor undertaken to create a unique product, service, or result. It has a defined beginning and end, with specific objectives to achieve within a given timeframe and budget.

**Version :** A version refers to a distinct release or iteration of a software product that has been developed and packaged for distribution. It represents a set of features, enhancements, and fixes that have been implemented over a period of time.

**Deployment** : Deployment in software development refers to the process of making a software application or system available for use by its intended users or customers. It involves taking the compiled code, configuration files, and other necessary resources and installing or deploying them onto a server, platform, or environment where the software can be accessed and utilized.

**Beta** : Refers to a stage in the software release cycle where the product is made available to a limited group of users for testing purposes before its official release. Beta testing allows developers to gather feedback, identify bugs, and make improvements to the software based on real-world usage before it is made generally available to the public.

**Refactor** : Refactoring in testing refers to the process of restructuring or improving existing test code without changing its external behaviour. Aims to improve the quality, maintainability, and efficiency of test code while ensuring that tests remain accurate, reliable, and effective in verifying the behaviour of the software under test. It is an essential practice in ensuring the long-term success of automated testing efforts.

**Walkthrough** : Walkthrough refers to a collaborative review process where stakeholders, such as developers, testers, product owners, and other relevant team members, come together to review a specific artifact or deliverable related to the software development process. The primary goal of a walkthrough is to gather feedback, identify issues, and ensure that the artifact meets its intended purpose and quality standards.

**BRS(Business Requirement Specifications)** : A Business Requirements Specification (BRS) is a formal document that outlines the objectives, needs, and expectations of a business for a particular project or initiative. It serves as a key communication tool between stakeholders, including business analysts, project managers, developers, testers, and other relevant parties involved in the software development process.

**LLD(Low Level Design) :** LLD is a phase in the software development process where detailed system components and their interactions are specified. It is created by designers and developers. It involves converting the high-level design into a more detailed blueprint, addressing specific algorithms, data structures, and interfaces.

**CRS(Customer Requirement Specifications)** : also known as Customer Requirements Document (CRD), is a document that outlines the needs, expectations, and preferences of the customer or end-user regarding a software product or system. It serves as a foundational document that guides the development team in understanding and fulfilling the customer's requirements.

**RAD(Rapid Application Development) :** It's a software development methodology that prioritizes rapid prototyping and quick iterations over long planning and extensive upfront design. RAD emphasizes adaptability and flexibility to changes in requirements, allowing for faster delivery of software solutions.

**Prototype :** prototypes play a crucial role in the software development lifecycle, enabling teams to explore ideas, gather feedback, and iteratively refine the product to meet the needs and expectations of end-users and stakeholders.