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Functional Testing --> Requirement Collection

What Is Requirement?



Feature explanation which customer wants to be added in the Software is known as **requirement**.

It depends upon the features user wants in their Software. If features are less requirement list would be less if features are more requirement list would be more.

e.g. List of Requirements for Sign up page for a LMS portal,

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1. Sign up page should have basic details section along with educational details.
 2. Basic details section should not contain special characters.
 3. Password should not contain more than 8 digits and have combination of special characters.
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Note: Requirement Depends upon the customer it might be differ for same kind of application for different users/ organizations.

Requirement Categories:



- 1. Product Requirement :

- > Requirement gathered by doing market analysis to understand the market needs and necessity is kind of product requirement.

- > This happens in Product based company

- > Product Requirement always use to collect by a person knows as **Product Analyst**,

- 2. Software Requirement

- > Requirement gathered from Specific company/firm/Organization is known as Software requirement.

- > This happens in service based company.

- > Software requirement always use to collect by a person known as **Business Analyst**.

Note: Don't be confused with terms, Product/Software both are same terms just we use there at different places. Product and Software can be interchanged.

Difference between Service and Product based

company: <https://www.youtube.com/watch?v=Tqq8BnaB4qY> [0:45 min-2:00 min]

Types of Requirement:

CRS[Customer Requirement Specification]:

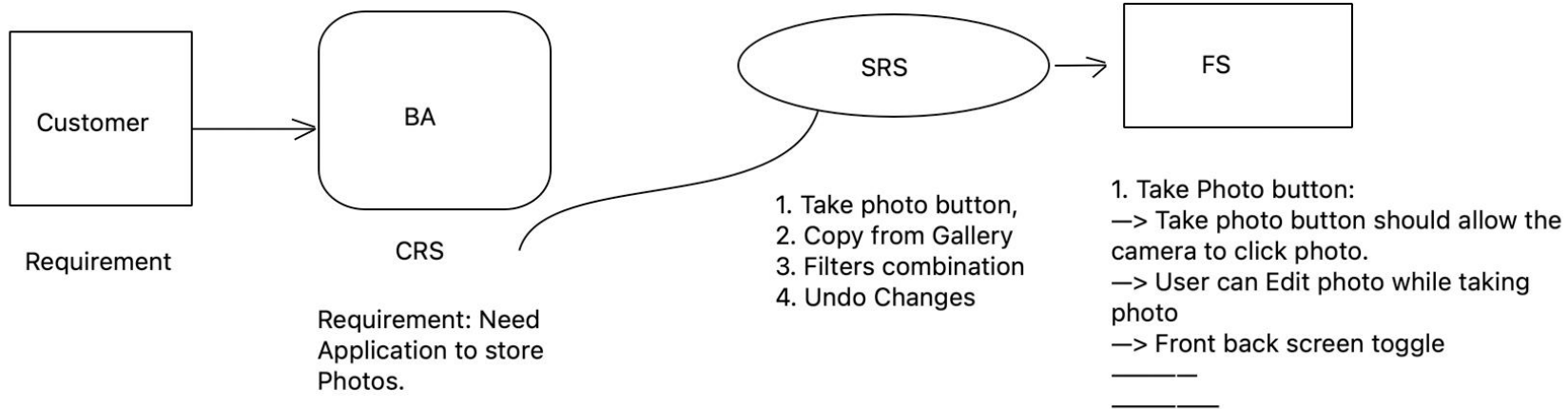
TO understand the requirement from the client and drafting it in piece of paper with simple English language is known as CRS

SRS[Service Requirement Specification]:

Converting the CRS to the Software language which developer and Architect can understand easily is known as SRS. Architect creates design using SRS

FS[Functional specification]: it is more detail specification, and every component of a feature of an application should be explained properly so that Testers can understand and write test cases based on that and Developer can also start developing that feature.

Requirement Flow in IT





Requirement vs Enhancement

- Requirement is all about for new feature on the other hand enhancement is improvement request from the customer/client on existing feature.

- **Example:**

Requirement: Need learning application with sign up/sign in Facilities,

Development: Software is ready, Sign up page is having profile upload section as additional option.

Enhancement: Profile upload section should be mandatory for the candidate.

Note:

1. Since photo upload section was already developed and small improvement was requested so that falls under enhancement.
2. Enhancement is kind of requirement only so don't be confused.



THANK YOU

