***Feasibility Study***

**Feasibility** is defined as the practical extent to which a project can be performed successfully. To evaluate feasibility, a feasibility study is performed, which determines whether the solution considered to accomplish the requirements is practical and workable in the software. Information such as resource availability, cost estimation for software development, benefits of the software to the organization after it is developed and cost to be incurred on its maintenance are considered during the feasibility study. The results of the feasibility study should be a report that recommends whether or not it is worth carrying on with the requirements engineering and system development process.

## **Types of Feasibility**

Various types of feasibility that are commonly considered include technical feasibility, operational feasibility, and economic feasibility.

**Economic feasibility**

Determines whether the required software is capable of generating financial gains for an organization.

* It reduces processing time as compared to registering or buying offline by visiting the store or the service centres.
* User friendly website.
* Useful for the customer to shop items from online as they wish at any time (24\*7).
* Online shopping items are cheaper than offline products.
* Customers can easily find nearby workshops from any where and at any time via online.
* Online payments are available.

**Operational feasibility**

Assesses the extent to which the required software performs a series of steps to solve business problems and user requirements. This feasibility is dependent on human resources (software development team) and involves visualizing whether the software will operate after it is developed and be operative once it is installed. Operational feasibility also performs the following tasks.

* Less response time.
* Provide users with accurate information.
* It is flexible and it works 24\*7 as it is an online platform.

**Technical feasibility**

* Php, python is used as the backend technologies.
* Html, CSS, JavaScript, bootstrap as frontend technologies.