CHAPTER-2 ANALYSIS

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# Requirement Analysis

* + - This application is built for people who can be classified in these categories:

## Admin

1. **Seller**

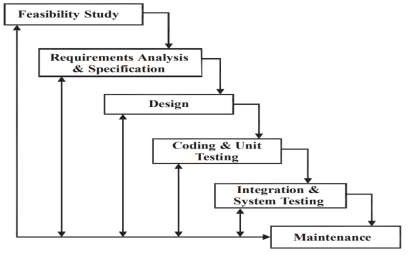
## User

* + - **ADMIN**:- All these activities will be kept monitoring by the Admin who will have access to all accounts it could be Buyer or a Seller.
    - Admin has the rights to take any action against any account if any of the suspicious activities are traced. That account may get terminated for a particular period or permanently.
    - Admin will verify the seller with their provided id for activation of their account.
    - **SELLER**:- Seller has to create SELLER’S account to sell their products. They have to provide their valid id for verification and activation of account.
    - Seller can add or remove any item from the list.
    - Seller can propose product’s price according to their needs.
    - Sellers will have to provide the correct description about the product they wish to sell or else their account would get terminated.
    - Seller has to provide their contact number and shop address so that any farmer can contact them easily.
    - **USER**:- User will have to LOGIN into the system in order to get benefits of several privileges. User will prospect products of their choice and contact sellers by given details. Which is provided by sellers.
    - User can buy the physical product directly from the seller at the provided location.
    - They can also report against any unusual activities if they find some.
    - They can also give their feedbacks and opinions to make certain improvements in this very system.
    - Users can edit profile according to their preferences.
    - User can even chat with our expert for any type of issues which

they are facing.

# Project Model

* + - To develop this system iterative waterfall model is going to use.



**ITERATIVE WATERFALL MODEL**

* + - Using this model system can easily developed. This model make it easy.
    - It is good to detect errors in the same phase in which they are committed. It reduces the effort and time required to correct the errors.
    - The Iterative Waterfall Model is a software development approach that combines the sequential steps of the traditional Waterfall Model with the flexibility of iterative design. It allows for improvements and changes to be made at each stage of the development process, instead of waiting until the end of the project.

# Schedule representation

* + - Generalized project scheduling tools and technique can be applied with little modification to software projects. Program evolution and review techniques (PERT) and critical path method (CPM) are two project scheduling method that can be applied to software development. Both techniques are driven by information already developed in earlier project planning activities:
      * Estimate of effort.
      * A decomposition of the product function.
      * The selection of appropriate process model and task set.
      * Decomposition of tasks.

**1. Table Name: Schedule Representation**

|  |  |  |
| --- | --- | --- |
| **ACTIVITY** | **START DATE** | **FINISH DATE** |
| Requirement Analysis |  |  |
| System Analysis |  |  |
| System Design |  |  |
| System Coding |  |  |
| Testing and Integration |  |  |

# Feasibility study

The aims of a feasibility study are to find out whether the system is worth implementing and if it can be implemented, given the existing budget and schedule. The input to the feasibility study is the set of preliminary business requirments, and outline description of the system and how the system is intented to support business processes. The results of feasibility study should be a report that recommends whether

or not it is worth carring on with the requriments engineering And system development process.

# Technical feasibility

* + - * Hosting and server requirements: Determine the server and hosting requirements for the website, including the type of server, server specifications, and bandwidth requirements.
      * Security requirements: Determine the security requirements for the website, including data encryption, user authentication, and protection against hacking and other security threats.
      * Compatibility with different browsers and devices: Ensure that the website is compatible with different web browsers and devices, including desktop and mobile platforms.

# Economical feasibility

* + - * No extra expenses are required. System can be developed using the resources that are freely available or having nominal charges.

# Operational feasibility

* + - * This system can easily be operated using chrome and other browsers, internet such as 4G and 5G networks.
      * We need to do training camp in different villages to tell farmers how to use this system. And provide all information to them.