

## Project Milestone & Activity Planning:

### Milestone:

In Modern Technology are increasing and optimizing the Performance of the Artificial Intelligences (AI) Model.

In Based Crop Yield Disease Prediction System, it will helpful for farmers to prevent the crop from the various Disease which can identify the Disease with in a process of capturing the Image at the plant and Machine Learning Algorithm will give affected Disease Name.

In this Project Milestone will be given the Best Solution for the farmer using the complete friendly and simple user interface web application to fetching the solution by own.

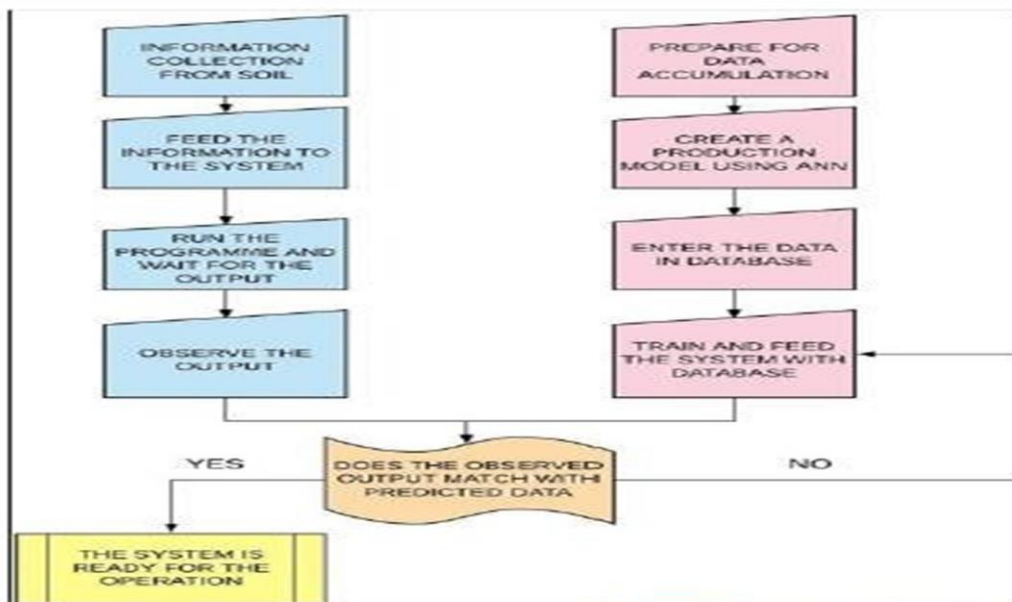
In addition, process we are planned to add a valid Module that is Fertilizer recommendation for the Specific Disease. It can give both Artificial fertilize

based crop yield prediction:

In the first part of our research (i.e., Systematic Literature Review), we observed that Artificial Neural Networks (ANN) is the most used algorithm for crop yield prediction. Recently, deep learning, which is a sub-branch of machine learning, has provided state-of-the-art results in many different domains, such as face recognition and image classification. These Deep Neural Networks (DNN) algorithms use similar concepts of ANN algorithms; however, they include different hidden layer types such as convolutional layer and pooling layer and consist of many hidden layers instead of a single hidden layer.

As such, in the second part of our research, we aimed to investigate to what extent deep learning algorithms have been applied in crop yield prediction. To broaden our analysis and reach recent applications of deep learning algorithms in yield prediction, we designed a new search criterion (i.e., “deep learning” AND “yield prediction”) and performed a new search in the same electronic databases that were used during the SLR study. We reached the followings shown

### Work flow diagram:



Activity List:

In Project Management Planning is an Important task to scheduling the phrase of the project to the Team Member.

In this Activity can shows the various activity are allocated and Done by the Team Members!

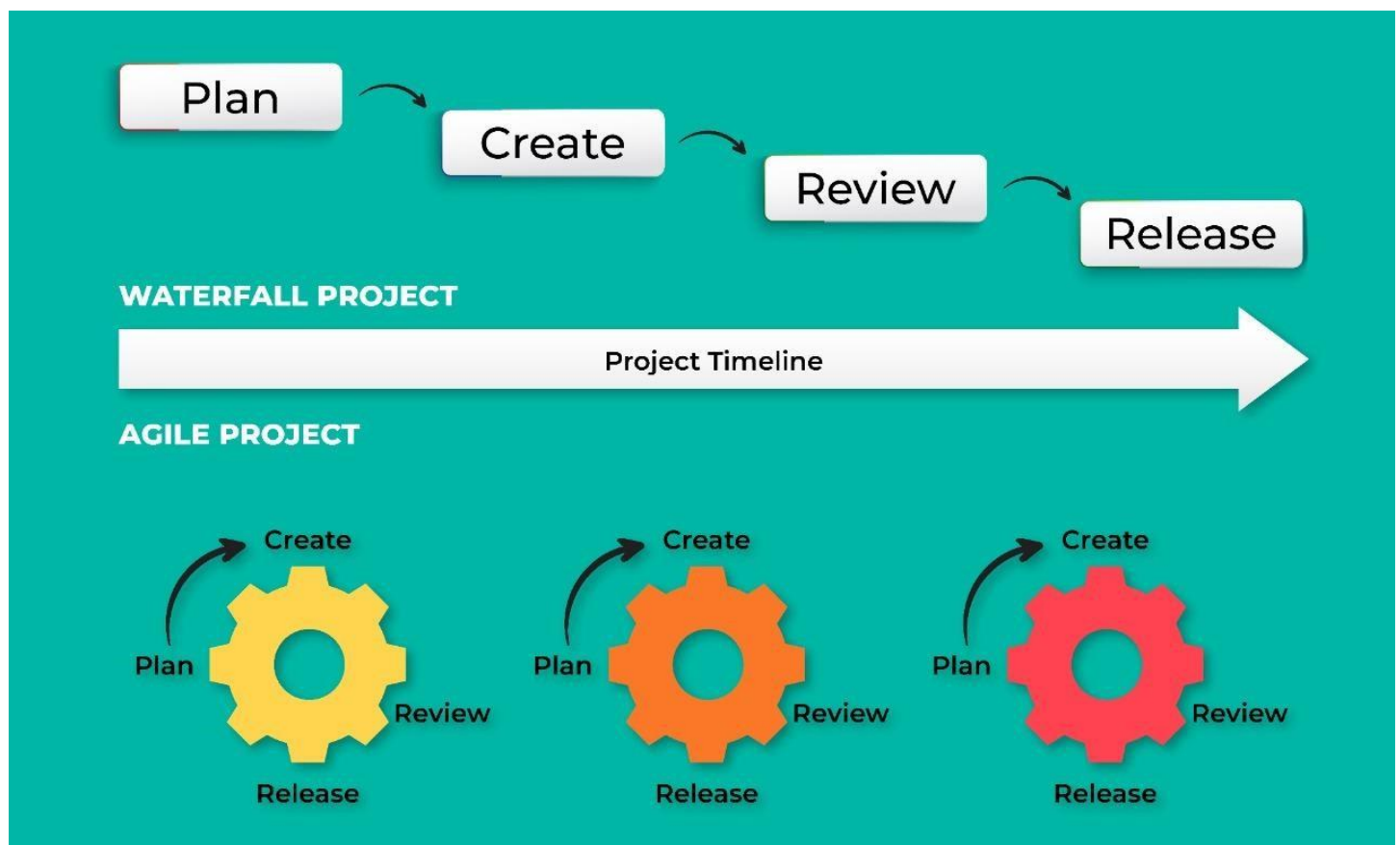
In Project we can Split into the Four Step of Phrases are

Phrase 1: Information Collection and Requirement Analysis

Phrase 2: Project Planning and Developing Modules

Phrase 3: Implementing the High Accuracy Deep Learning Algorithm to Perform

Phrase 4: Deploying the Model on Cloud and Testing the Model and UI Performance



Agile Methodology for Activity Planning