

Project Title	: AI Powered Crop Planning & Market Forecasting
Group Members	
Sewwandi BTI	EG/2020/4210 (Front End Developer)
Balasooriya JM	EG/2021/4424 (UI/UX Designer)
Bandara KMTON	EG/2021/4432 (Mobile App Developer)
Bandara LRTD	EG/2021/4433 (Project Manager/ Back End Developer)
Contact Person	: Mr. Dileshan Prasad(0788883145)
Desired Number of Group Members	: 4
Description	
<p>Sri Lanka is an agricultural country. Various crops are grown here. Farmers face problems including weather conditions, humidity, temperature and inability to identify which crops are suitable for cultivation from time to time. It is better to visualize the crop with the price coming for the next three months and the quantity of that one. Here we select kind of the series of the vegetable range series that it is needed to classify the crop most suitable for the given requirements, like entering the weather conditions etc.</p> <p><u>Functional Requirements</u></p> <ul style="list-style-type: none"> ➤ Crop Classification System: Input: Weather conditions (temperature, rainfall, humidity, etc.) Output: List of suitable crops ➤ Price and Quantity Prediction: Input: Historical price and quantity data of crops Output: Predicted prices and quantities for the next three months ➤ Visualization: Graphs/Charts to show the predicted prices and quantities ➤ Chatbot: User interaction for queries related to crop classification, price predictions, and general information ➤ Create Mobile Application <p><u>Non Functional Requirements</u></p> <ul style="list-style-type: none"> ➤ Intelligent Crop Selection and Prediction System Using Weather Conditions, Price Forecasting, and Chatbot Integration 	

