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| **Project Title** | : AI Powered Crop Planning & Market Forecasting | |
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| **Group Members** |  | |
| Sewwandi BTI | EG/2020/4210 | ( Front End Developer ) |
| Balasooriya JM | EG/2021/4424 | ( UI/UX Designer ) |
| Bandara KMTON | EG/2021/4432 | ( Back EndDeveloper) |
| Bandara LRTD | EG/2021/4433  Developer ) | ( Project Manager/ Back End |
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| **Contact Person** | : Mr. Dileshan Prasad(0788883145) | |
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| **Desired Number of Group Members** | : 4 | |
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| **Description** |  | |
| 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.  **Functional Requirements**   * Crop Classification System:   Input: Weather conditions (temperature, rainfall, humidity, etc.) Output: List of suitable crops   * Price forecasting:   Input: Historical price data of crops  Output: Predicted prices for the next three months   * Chatbot:   User interaction for queries related to crop classification, price predictions, and general information   * Disease Detection:   Insert the photo or the qualities of the plant , detect which disease and suggest the fertilizer   * Location:   If inserting the location it shows the shops to buy the seeds, plants   * Visualization:   Graphs/Charts to show the predicted prices and quantities | | |
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