Project Title: Online Crop System

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1.1 ABSTRACT

- Online Crop System is built using Spring Boot, Thymeleaf, and MYSQL. Online Crop System project in java is a web application where a user can search and view the Information using this system. Users can search the Information of their choice according to the requirement online so it will be easy for users.

- This Project is performing all the crud operations like EDIT/UPDATE/DELETE functions. Following the MVC architecture to manage the view part in Thymeleaf and handling the Server-side request, it's using Spring Boot and MYSQL as backend

- This system provides security. Helps to maintain records. Add and Manipulate Crop details quickly & easily. Maintain the database accurately.

1.2 OPERATING ENVIRONMENT

❖ **Hardware Requirements: -**

      Operating System: - Windows/ Linux

      RAM: - 2 GB or more

      Hard Disk: - 256 GB or more

❖ **Software Requirement: -**

      Browser: Any Standard Browser (Chrome, Mozilla Firefox)

      Front – End: Html, CSS, JavaScript, Java,

      Back – End: MYSQL

      IDE Tools: Eclipse IDE

      Server: Xampp (for MYSQL)

DESCRIPTION OF TECHNOLOGY USED

- **HTML :-** HTML (Hypertext Markup Language) is a standard markup language used to create and structure content on the World Wide Web. It consists of a set of tags and attributes that define the elements on a web page, such as text, images, links, and multimedia. HTML is essential for building web pages and providing structure and formatting to content, making it accessible through web browsers.

- **Bootstrap:-** Bootstrap is a popular front-end framework for web development. It provides a set of pre-designed, responsive, and customizable components and styles that help developers create modern and consistent websites and web applications efficiently. Bootstrap simplifies the process of building user interfaces by offering ready-made design elements, grid systems, and JavaScript plugins, making it easier to create responsive and visually appealing web projects.
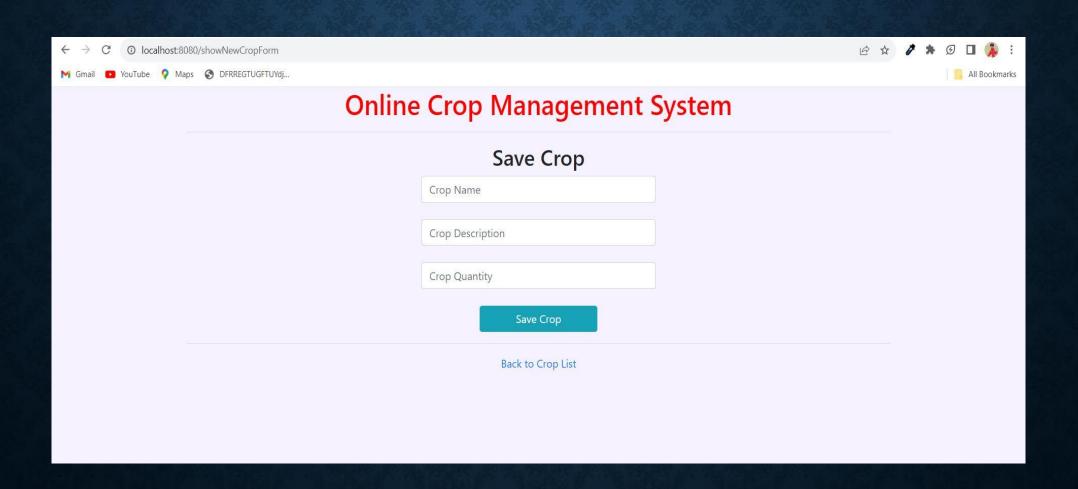
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- **Thymeleaf** :-Thymeleaf is a Java-based template engine used for server-side rendering in web applications. It allows developers to create dynamic web pages by embedding HTML templates with special attributes that can be processed by the server to generate dynamic content. Thymeleaf is commonly used in Java web frameworks like Spring to build web applications with seamless integration between front-end and back-end components.

- **Spring Boot** :- Spring Boot is an open-source Java framework that simplifies and accelerates the development of production-ready, stand-alone, and web-based applications. It provides pre-configured templates, embedded servers, and a wide range of libraries to streamline the development process, making it easier to create robust and scalable Java applications with minimal setup and configuration.
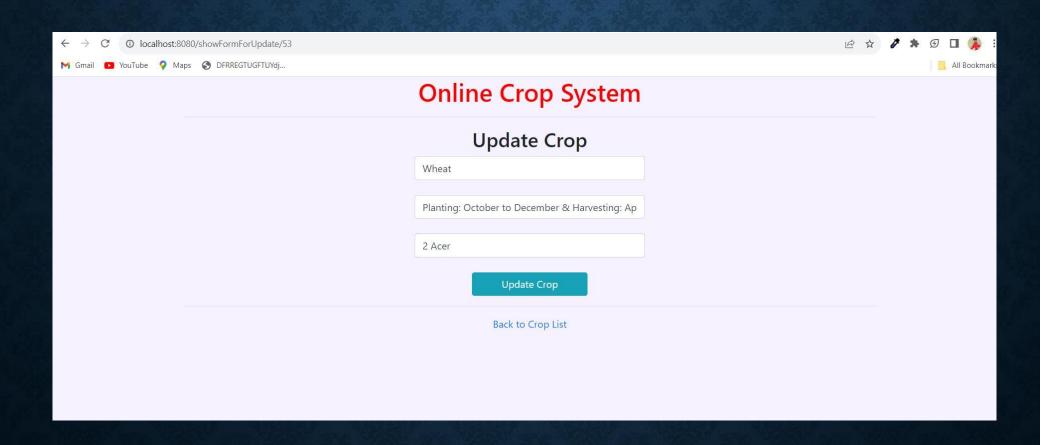
INPUT AND OUTPUT SCREENS

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Thank You…

The End…