

# Problem Statement

The farming industry is under mounting pressure due to a variety of challenges, including climate change, soil erosion, and biodiversity loss. Additionally, concerns over sustainable food production and the natural factors of pests, diseases, and plants make farming more intricate and unexpected. These issues are causing significant difficulties for farmers, particularly small-scale ones. This competition aims to address these challenges and find innovative solutions to ensure the future of sustainable agriculture.

## Solution

*DevKissan* is an eco-friendly agritech web app that uses excess harvest and by products to produce sustainable goods. We help farmers make informed decisions by providing expert resources and personnel to analyze topographic and climatic conditions. Our approach reduces waste and minimizes environmental risks. Farmers can sell their goods directly to consumers through our platform without the involvement of third-party intermediaries, ensuring fair prices for both the farmers and the consumers. Additionally, farmers can form a community within our platform to share their experiences, ideas, and knowledge. Join us in revolutionizing the farming industry for a sustainable future.

DevKissan is built using a variety of tools to ensure that it is user-friendly, efficient, and reliable. Here are some of the key **tools** that we use:

1. **Bootstrap Studio:** We use Bootstrap Studio to create responsive and visually appealing web designs. It allows us to easily create and edit HTML, CSS, and JavaScript, which helps us to save time and create consistent designs across all pages of our web app.
2. **XAMPP:** We use XAMPP as our local development environment, which allows us to run Apache, MySQL, and PHP on our local machine. This helps us to develop and test our web app locally before deploying it to the production server.
3. **Visual Studio:** We use Visual Studio primarily for coding using languages like HTML, CSS and JavaScript. It helps us to write clean, readable, and efficient code, and also provides us with tools for debugging, testing, and deploying our code.