openSAP

SAP LEONARDO IOT FOR THE INTELLIGENT ENTERPRISE

OPTIONAL IDEATION CHALLENGE

TEMPLATE FOR SUBMISSION REQUIREMENTS

Template Description

This is a template that can be used for the optional Ideation Challenge included as part of the openSAP course "SAP Leonardo IoT for the Intelligent Enterprise."

Idea Story

Make a case and tell your story.

How to write a story about your idea

First, come up with an Internet of Things (IoT) idea for a scenario or use case that you know or are interested in. Then, iterate and refine this initial IoT idea, and always keep in the back of your mind these two questions:

- "What am I trying to accomplish with this IoT idea?"
- "Can I explain clearly the context and need for this IoT idea in two minutes or with just a few paragraphs?"

Write out the story behind your IoT idea and try to keep it to a few paragraphs, with the entire submission being two pages or less. Be sure to follow the submission requirements listed on the ideation section of the course website and answer the following questions as part of your submission:

- "What industry or which category of IoT does this idea fall under specifically?" Agriculture, Energy & Resources, Facility Management, Health & Medicine, Manufacturing, Retail and Hospitality, or Transportation.
- "How does this idea clearly and credibly support the Intelligent Enterprise?"
- "How does this idea improve business outcomes?"
- "What is an example of quantifiable business impact as an outcome that could be expected as a result of this idea?"

Get Feedback

To the extent possible, consider sharing this short story with one or more friends who are unfamiliar with the specifics of this idea and who are also unfamiliar with IoT. Get their feedback and refine your story so that it's more easily understood without any prerequisite knowledge. It should be a self-contained narrative free from esoteric references or unexplained acronyms. If this initial story is coherent and easy to understand, it will effectively set the stage for you to receive quality feedback from your peers and iterate again.

You can use the below template to submit your ideation story (or you can submit it in another format as long as it adheres to the requirements listed on the course website):

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Story

Industry – Agriculture

Even though "Failure of crops" is the biggest reason of farmers suicide, still farming in Haryana, India is majorly relying on experience of farmers e.g. time of sowing, irrigation, harvesting, storage and transportation of goods. Climate change and unpredictable weather conditions are causing lot of damages to crops. I have experienced where farmers are sowing their Kharif crops multiple times, and their crops are flattened just days before harvesting.

Smartphone users in India are growing with a pace of 16% YoY. If IoT and other intelligent technologies are used effectively, they can change whole landscape of agriculture industry in India. Investment can be made through public private partnership model where all the stake holders will get benefitted by optimizing the way of doing farming in India.

IoT Ecosystem in farming can improve crop yield drastically which can help to solve problems like hunger, farmer suicide, water shortage etc. Also, this can make farming a sustainable buinsess where majority of population in India depends on it.

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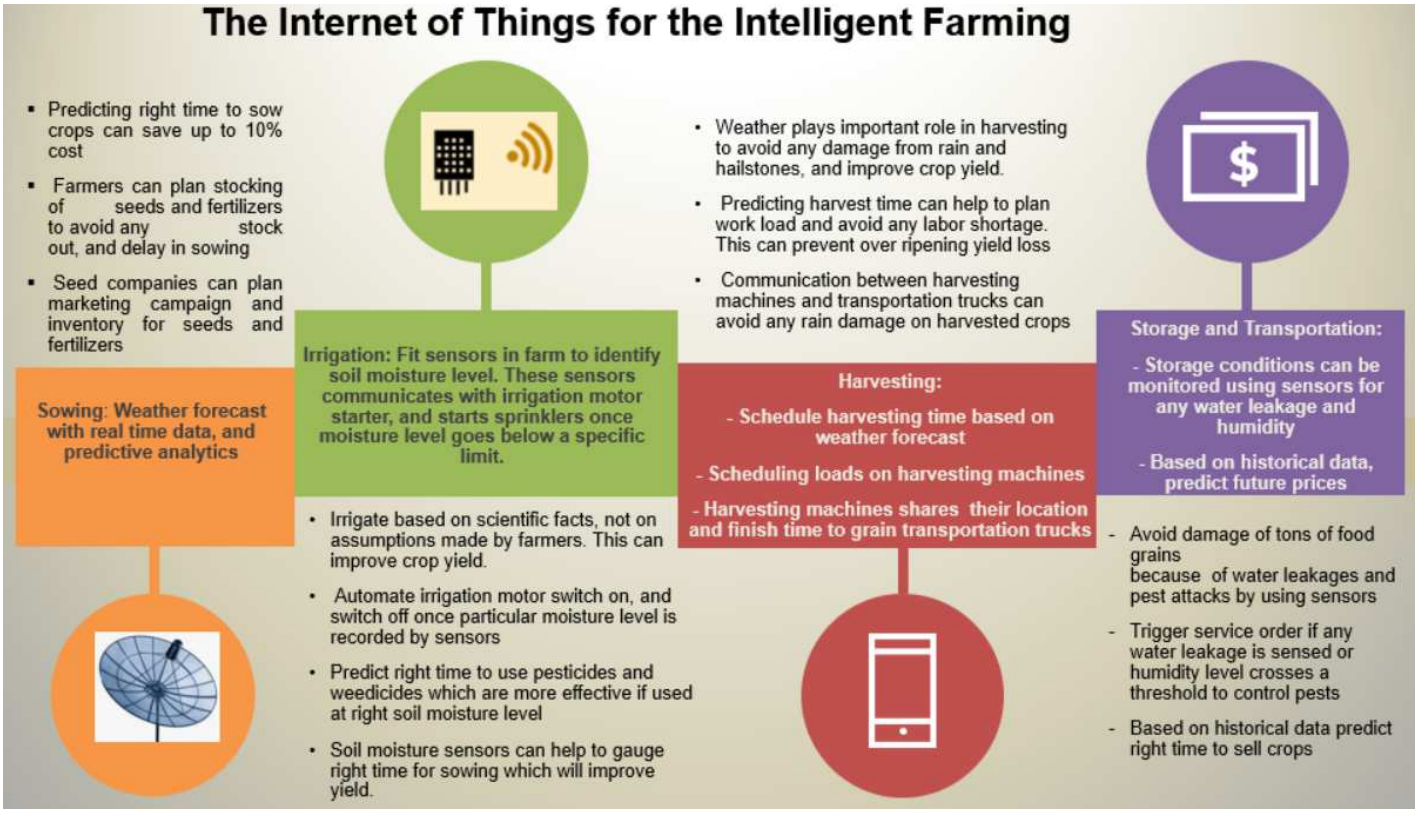
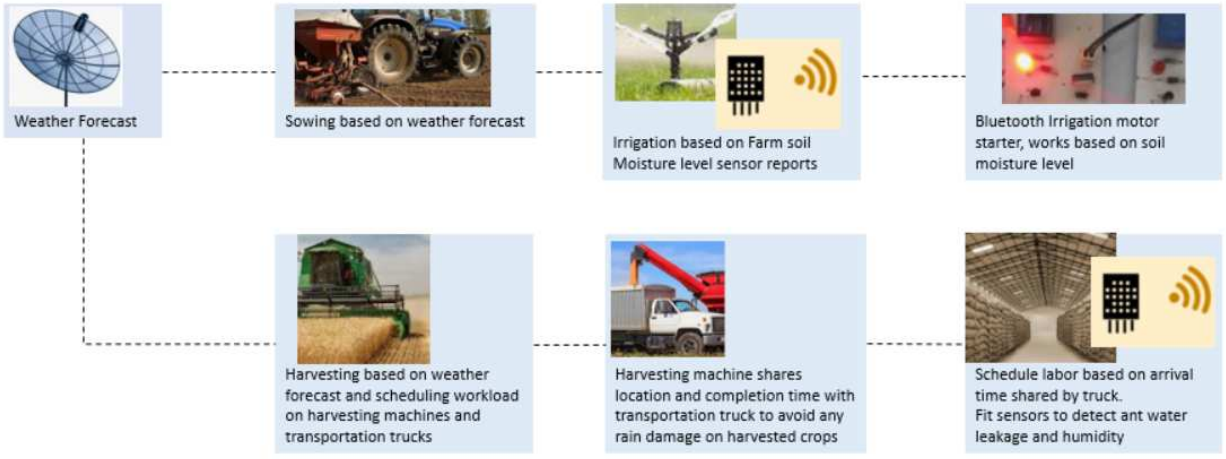


Below diagram depicts IoT ecosystem where lot of activities can be automated in farming. Also, using intelligent technologies crop yield can be improved significantly. In India thousands of tons of grain get damaged which can be preserved by using available technologies like sensors, service order automation, labor optimization



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