

## KICKOFF MEETING AGENDA

PROJECT NAME: Smart Agriculture System based on IoT

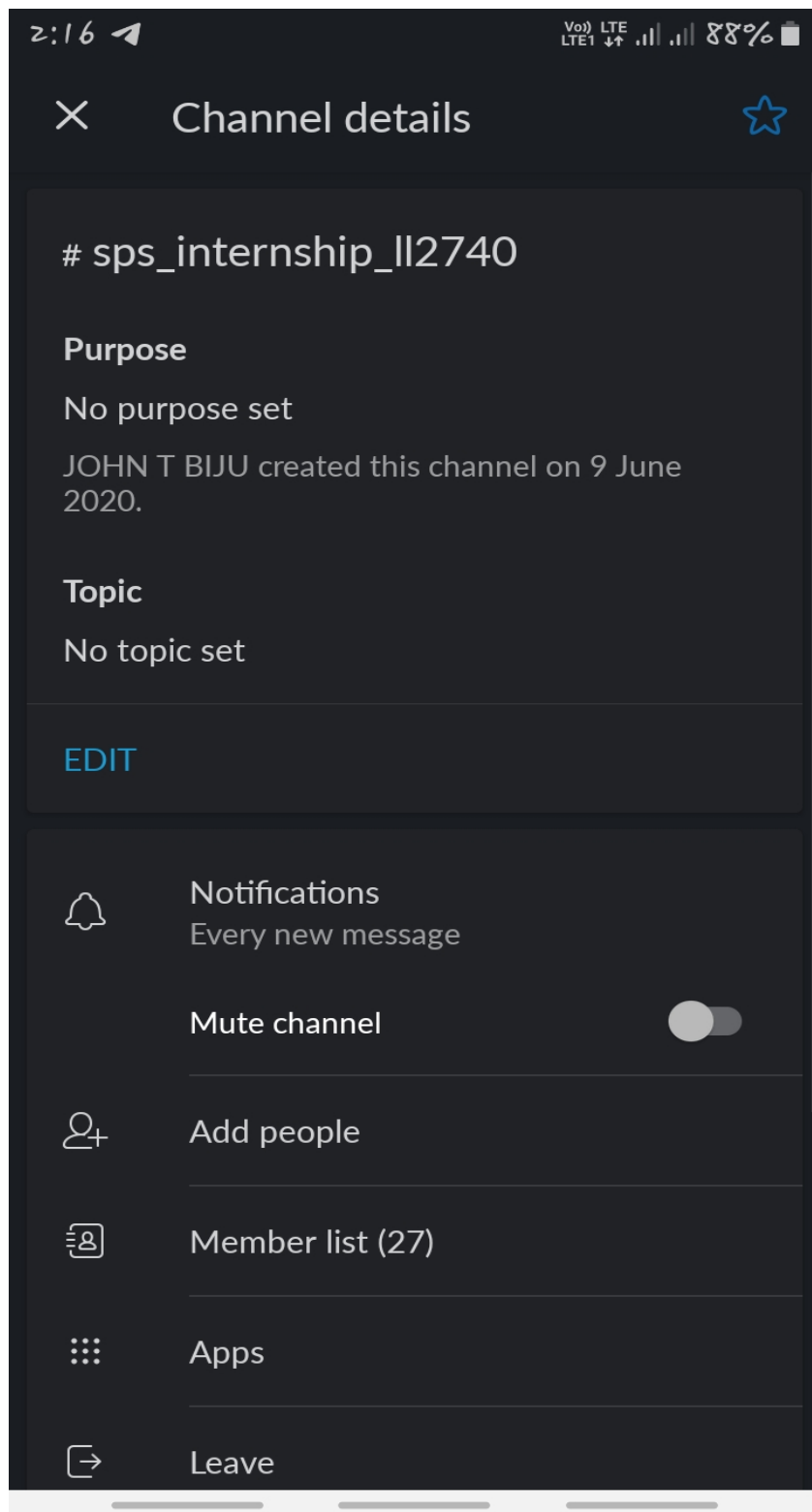
KICKOFF DATE: 10th June 2020

TOPIC	READER
<p>Introduction</p> <p>I am Sanjay S .I am the Project Manager of this project. I am a engineering student from Electronics and Communication Background. I am working on this project from Bangalore.</p>	<p>Sanjay S</p> <p>[Project Manager]</p>
<p>Project Background</p> <p>In today's Agriculture System we have advanced methods for planning, and other activities like irrigation methods etc.But we are not that much able to sort out the problem of wtaering the crops in right time and get the track of its health.So to make the efficient supply of water to crops and to make exact track of the planted crop even when farmer is away from field.</p> <p>The key to success is that if the farmers adopt this method they could yield their crops efficiently and even get the profits with the</p>	<p>Smart Internz</p> <p>[Project Sponsor]</p>

proper enriched crops.	
<p>Stake Holders</p> <p>By this project the farmers facing the problem irrigating the crops in a right amount due to approximations.</p> <p>The guidelines from my end will be the primary decision and which will be used as the support for farmers and used for success of this project.</p>	<p>Sanjay S</p> <p>[Project Manager]</p>
<p>Review Project Objectives</p> <p>i) Objectives:</p> <p>Main Moto of this project is to solve the problem of water irrigation in many areas where the farmer can be able to access their fields by irrigating at one place and even collects the data regarding weather forecasting.</p> <p>ii) Devirables:</p> <p>The farmers will be provided with a moving robot which will have a moisture sensing capability which gives the indication to the farmer and is given through the cloud via application in the farmer's smart phone and at the same time farmer is also provided with that</p>	<p>Sanjay S</p> <p>[Project Manager]</p>

<p>application which gives this accurate weather forecast details.</p> <p>iii) Assumption</p> <p>Assuming to make the farmer aware to start his motor for irrigating his crops based on the notification and can be operated where ever the farmer is connected to internet and get the proper weather forecast details.</p>	
<p>Review:</p> <p>The major problem faceable is the lack of the knowledge based on the internet application. Many of the farmers are not accessible with smart phone and lack of the knowledge to use it. The other proble is the data accessible through the moving robot might not be that efficient in real time analysis.</p> <p>Concern that we can address :</p> <p>i) We can provide the knowlegde on using the application and the smart phone through the project in more efficient manner.</p> <p>ii) We can develop the model in such a way that it can provide the average result for irrigating of the plants and crops grown instead of</p>	<p>Sanjay S</p> <p>[Project Manager]</p>

real time datas for a apecific ares of land.	
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Created and joined in Slack channel



## SCOPE OF THE PROJECT

PROJECT TITLE : Smart Agriculture System based on IoT

DATA PROPOSAL : 11th June 2020

### PROJECT SCOPE DESCRIPTION :

In this project , the farmer is provided with an application of using IoT which provides the weather forecast details and helps him to know the moisture content in his field and to irrigate his field even when he is not near the field.

### PROJECT DELIVERABLES :

- i) Provide with a smart phone application which gives the option to irrigate field when the farmer is away or when he is not able to irrigate.
- ii) Farmer is provided with the weather forecast details timely.
- iii) The motors will be attached with the IoT modules such as Raspberry Pi and others for automation.

### PROJECT ACCEPTANCE CRITERIA :

- i) The crops are avoided by destroying from unnecessary over irrigating.
- ii) The Weather report gives the farmer an idea of the amount of water to be supplied to the crops.
- iii) The maintenance of the project is more easier and been accessible

from far away from the field to the farmers.

iv) Enhance the quantity and quality of crops being grown.

#### PROJECT EXCLUSIONS :

The project is successful only if the farmer is given the proper knowledge of the uses of the project. It encourages many youngsters for farming in the field of agriculture as it is more advanced and profitable. If the farmers are given proper guidance then the problem is resolved and can be ahead with a great success.



