Project Proposal

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## OVERVIEW

*This document is submitted as an interim submission of CA project of the Distributed Systems module on the Higher Diploma in Computing specializing in Software Development delivered by Yasantha Samarawickrama.*

# Domain description

# *You should best describe the overall purpose of the service, explain the functionalities within each service and overall contribution of the service to the application.*

# *[200 words]*

As my student number ends with 8 my project will be smart farm (agriculture). Smart farms are a rapidly growing market due to the latest advancements in remote robotics and AI fields, combined with a growth of remote/cloud computing services. It goes way beyond smarts sensors and weather forecasts, and it starts to include the use of remote tractors, AI harvester robots and remote drones to expand scope of smart possibilities in agriculture. It can use satellite imagery to map regions of farms (for example for remote tractors to operate) and AI for decision-making even regarding crops to be sown.

# Service definition and RPC

# You should explain in detail, with example the request and response for each functionality within the service. Explain in detail the parameters

# [300 words]