PROJECT SUMMARY

Ref No.: MRIC/SISM-BG-12	**Title:** Developing a Container Farm for Enhancing Food Security
Local Company: Prodesign Facilities Ltd	
Project Leader	
Mr Vikramsing Bhujun	Prodesign Facilities Ltd

TECHNICAL ABSTRACT

This project aims to develop an automated container farm that leverages IoT to enhance food security in Mauritius. The container farm will be designed to produce a variety of crops in a sustainable and efficient manner. By utilizing vertical farming techniques, the automated container farm can produce high yields of crops using minimal space, water, and energy. The IoT systems will be used to monitor and control environmental factors such as temperature, humidity, and light to optimize crop growth. The project team will work with local farmers to identify the most suitable crops to grow and to provide training on the use of the automated container farm. The automated container farm project has the potential to revolutionize the way food is produced in Mauritius. By utilizing advanced technologies and sustainable farming methods, the automated container farm can help to enhance food security, reduce the environmental impact of food production, and create new economic opportunities.

Key Words: Automated container farm, IoT, Food security, Vertical farming, Agriculture