Liquid Prep Proof of Concept with Open Horizon

Target release	
Epic	
Document status	DRAFT
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Goals

- Port Liquid Prep application to container and deliver with Open Horizon
- Onboard Liquid Prep sensor with Edge Node so data can be sent to Edge Node for analytics
- Deliver machine learning to Edge Node
- Show data being processed on Edge Node
- Supports multiple sensors and sensor types with Liquid Prep/dashboard
- Supports Wifi, LoRaWan, Bluetooth?

Background and strategic fit

Our goals are to provide an easy to deploy and use sustainable farming solution with Edge Computing for the farmers who are facing challenges in producing crops efficiently due to lack of water supply and climate changes.   The same solution could also be adapted by farmers who are interested in digital transformation enhance their current processes.

Assumptions

- Our users are not technically inclined
- Requires no technical skills to employ our solution
- User friendly UI
- Users will be able to access the app on any devices that supports modern browsers(Chrome, Edge, Firefox, Safari, Samsung...)
- Users will be able to access historical and time series data

Requirements

#	Title	User Story	Importance	Notes
1				
2				

User interaction and design

Questions

Below is a list of questions to be addressed as a result of this requirements document:

Question	Outcome

Not Doing