

Project Release Plan

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SEADS Data Engineering

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Project Release Plan

SEADS Data Engineering

The Goal of the Data Engineering is to come up with a scalable way to classify appliance's electrical signals recorded by the SEADS plug. This will greatly optimize micro grid power management by enabling easy device recognition.

Project Release Plan – User Stories

SEADS Data Engineering

Sprint 1

- Record 50 appliance signals.
- Perform exploratory analysis with raw signal data.
- Categorize raw signal content.

Sprint 2

- Model how to store a signature of a signal pattern rather than raw data points.
- Work with DB team to get appropriate schema and tables set up.

Sprint 3

- Automatic signal recognition and incorporation into DB.
- Create signal mapping to appliance name tool.