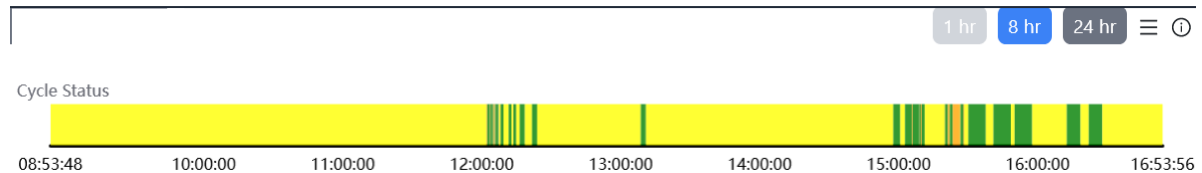




Plot the UI as below with using shared raw data.

Technology – MERN stack. Git. REST API.

UI Sample –



Considerations –

- Import raw sample data set to a DB Collection.
- This is on a horizontal time scale.
- Timestamp is mentioned in the sample raw data.
- Plot yellow if sample is 0. Plot green if sample is 1. Plot red if sample is missing.
- Generate a summary in tabular format -> number of 1s, number of 0s, continuous 0s and 1s variations.
- Write an API to filter the data from time to time (hour to hour with specifying starting time; with frequency ranging hour-day-week-month).
- Integrate a third-party API to use location and related temperature from the internet.
- BONUS – Write a sample generation simulator in any desired language.
- EXPECTED – Code is published to GitHub in a public repository.

SAMPLE DATA - [sample-data.tgz](#)