- A full run through of our system connecting to TTN, sending data, storing data into our database and retrieving and displaying the data in our API.

SCENARIO	Expected OUTPUT	Pass/ Fail	Comments	Tested By
LoRaWan connection to The Things Network	A “join” message is recorded	Pass		Daniel
Data transmission to The Things Network	A reading is recorded	Pass		Daniel
Node.js receiving uplink	A “Received uplink” message is printed to the terminal	Pass		Daniel
Node.js storing uplink data into InfluxDB	A “saved data to influx” message is printed to the terminal. Data can be queried in InfluxDB terminal	Pass		Daniel
API endpoints fetching data e.g. “reading/monthly”	Data is returned from the database, grouped by months	Pass		Daniel
API front-end components loading	Graphs load immediately when loading the webpage	Pass		Natalie
API front-end reflecting API endpoint data	The graphs reflect the data fetched from the endpoints	Pass		Natalie
Leave fully setup device to send river measurements periodically over the course of a few hours	Measurements are displayed on front end graph with 30 minute intervals (leaving gaps where no river level change has occurred)	Pass		Natalie Daniel Dharius