

# Test job

Create a fictional water company's meter reading dashboard application to help company to administer its clients.

## Application description

Water company has implemented 10 meter readers to 10 clients. Each meter is reporting reading once in an hour.

Water company employee must be able to log into an application to see the dashboard view.

Dashboard view should contain at least one useful graph. At least one graph should visualize total daily consumption based on all meter readings collected.

## Things to consider

Water meter readings are coming from somewhere. Some sort of mocked data stream would be needed.

To persist readings data in one place, some sort of database would be needed.

Dashboard with some sort of tables/graphs etc would be needed to visualize clients water consumption.

## Suggestions

We are using JavaScript for frontend and backend solutions. For storage we are using Redis and Postgres. For queue we are using ActiveMQ.

Using these technologies is a suggestion not a must.

## What is mandatory

Test job must include steps to reproduce the environment and run the application.