

PaVoS

Processing and Visualization of Sensordata

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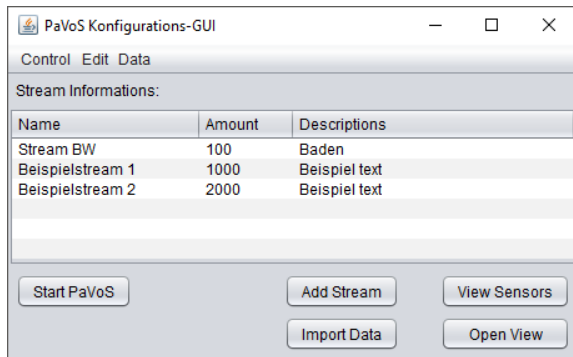
May 28, 2018



PaVoS

Konfigurations-GUI

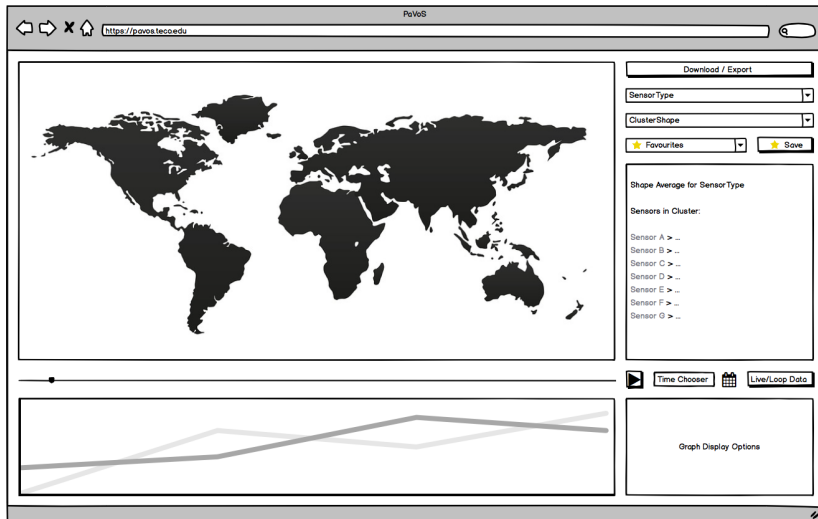
Standardansicht



Demo!

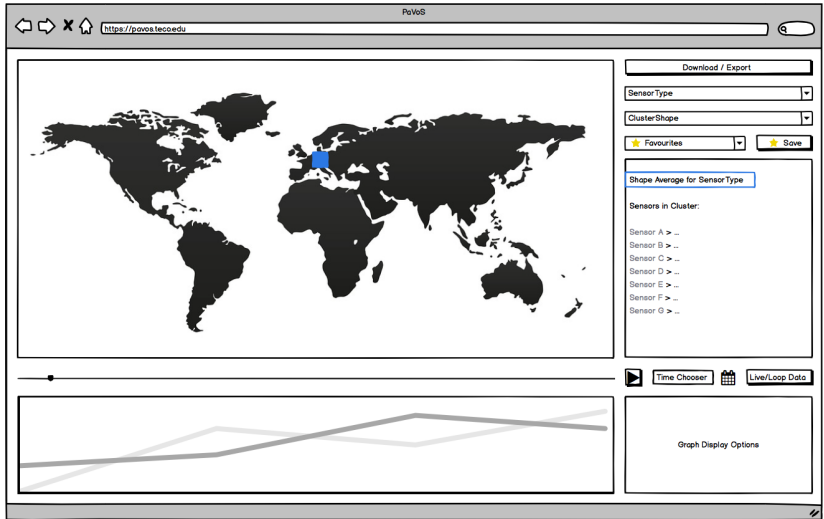
Webinterface

Weltansicht



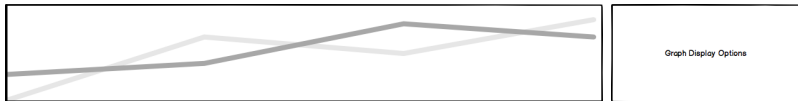
Webinterface

Weltansicht mit ausgewähltem Cluster



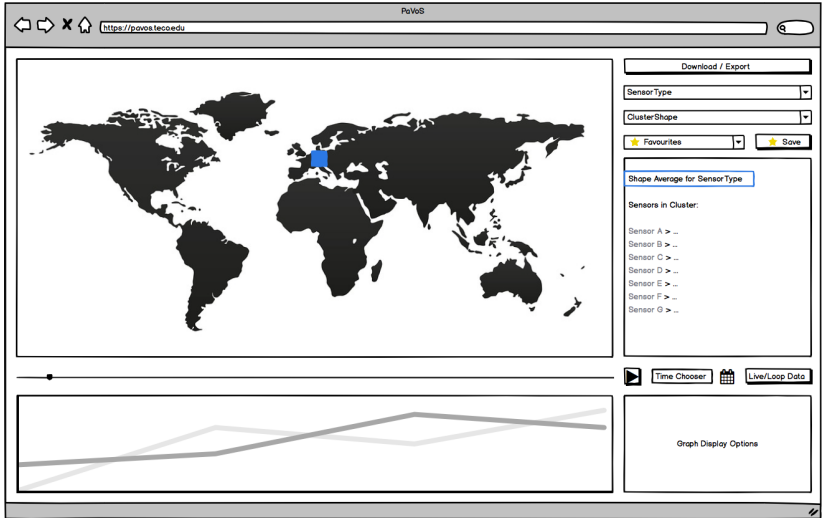
Webinterface

Graph mit Einstellungen



Webinterface

Weltansicht mit ausgewähltem Cluster



Webinterface

Erweiterte Einstellungen

Download / Export

SensorType ▼

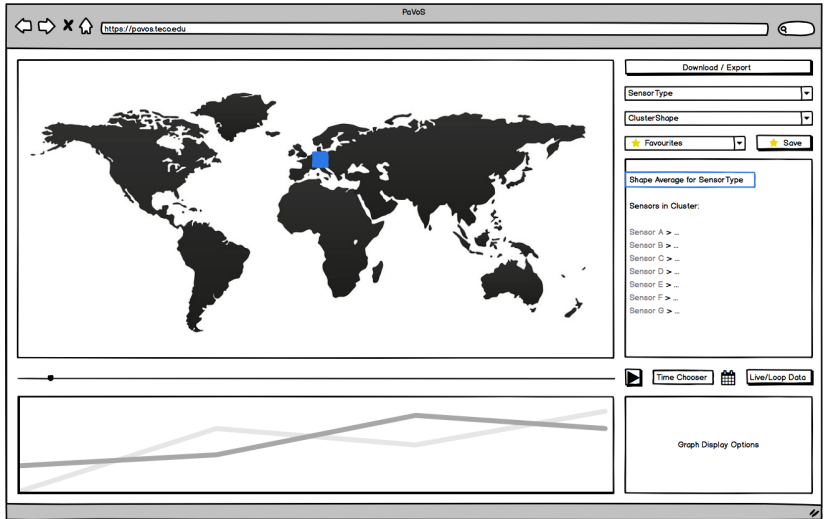
ClusterShape ▼

★ Favourites ▼

★ Save

Webinterface

Weltansicht mit ausgewähltem Cluster



Webinterface

Downloadbutton

Download / Export

Webinterface

Weltansicht mit Exportformular

The screenshot displays the PaVoS web interface. At the top, a browser window shows the URL <https://pavos.tecnoedu>. The main area features a world map with a black overlay. A 'Download' dialog box is open, containing the following elements:

- Download** (Title)
- From** and **To** date pickers (represented by // and calendar icons).
- Location(s) picker** (Text input field).
- SensorType(s) picker** (Text input field).
- Favourites** (Dropdown menu) and **Save** (Star icon button).
- FileType** (Dropdown menu).
- Download** and **Cancel** (Buttons).

On the right side, there is a **Download / Export** section with:

- SensorType** (Dropdown menu).
- ClusterShape** (Dropdown menu).
- Favourites** (Dropdown menu) and **Save** (Star icon button).



Below this is a **Shape Average for SensorType** section, followed by a **Sensors in Cluster:** list showing sensors A through G with expandable options (>).

At the bottom, there is a **Time Chooser** (Play icon button) and a **Live/Loop Data** (Calendar icon button). Below these is a **Graph Display Options** section. A line graph is visible in the bottom left corner, showing multiple data series over time.

Webinterface

Exportformular

Download

From  To 

Location(s) picker

SensorType(s) picker

★ Favourites ▼

★ Save

FileType ▼

Download

Cancel

Webinterface

Weltansicht mit Exportformular

The screenshot displays the PaVoS web interface. At the top, a browser window shows the URL <https://pavos.tecnoedu>. The main area features a world map with a black overlay. A 'Download' dialog box is open, containing the following elements:

- Download** (Title)
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- FileType** (Dropdown menu).
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On the right side, there is a **Download / Export** section with:

- SensorType** (Dropdown menu).
- ClusterShape** (Dropdown menu).
- Favourites** (Dropdown menu) and **Save** (Star icon button).

Below this is a section titled **Shape Average for SensorType** with the label **Sensors in Cluster:** and a list of sensors (A through G) with associated data ranges (e.g., Sensor A > ...).

At the bottom, there is a **Time Chooser** (Play button icon) and a **Live/Loop Data** (Calendar icon) section. Below these is a **Graph Display Options** section. The bottom of the interface shows a line graph with multiple data series.

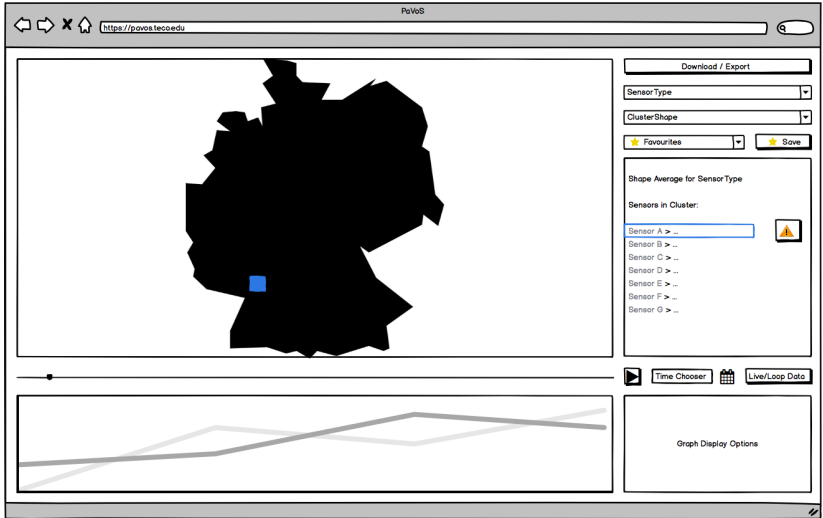
Webinterface

Deutschlandansicht



Webinterface

Deutschlandansicht mit ausgewähltem Cluster und Sensor



Webinterface

Sensorliste

Shape Average for SensorType

Sensors in Cluster:

Sensor A > ...

Sensor B > ...

Sensor C > ...

Sensor D > ...

Sensor E > ...

Sensor F > ...

Sensor G > ...

Shape Average for SensorType

Sensors in Cluster:

Sensor A > ...

Sensor B > ...

Sensor C > ...

Sensor D > ...

Sensor E > ...

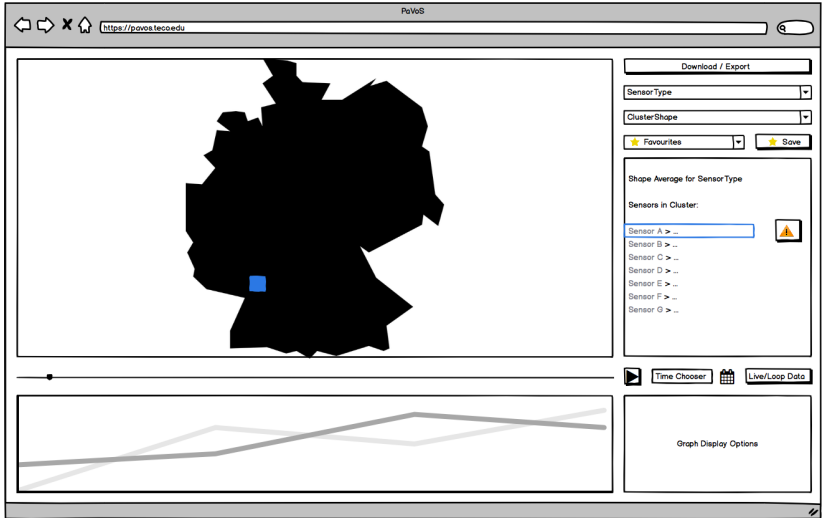
Sensor F > ...

Sensor G > ...



Webinterface

Deutschlandansicht mit ausgewähltem Cluster und Sensor



Webinterface

Zeitregler, -wähler und Live/Loop-Button



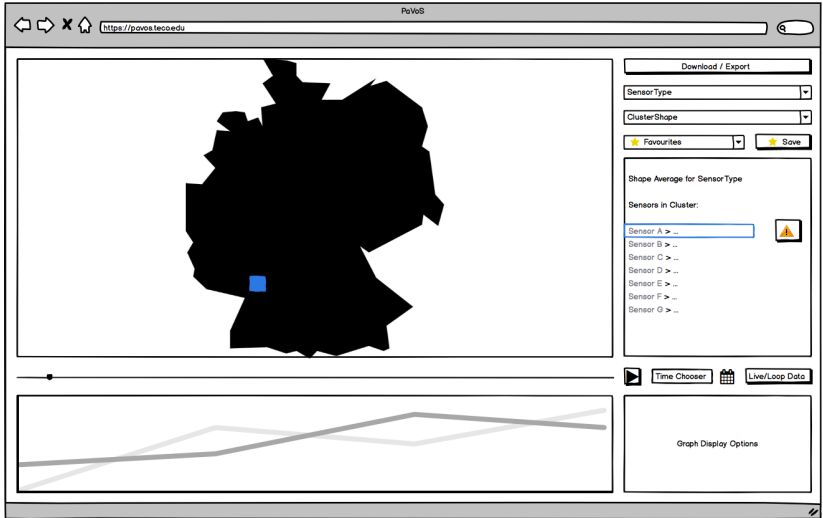
Time Chooser



Live/Loop Data

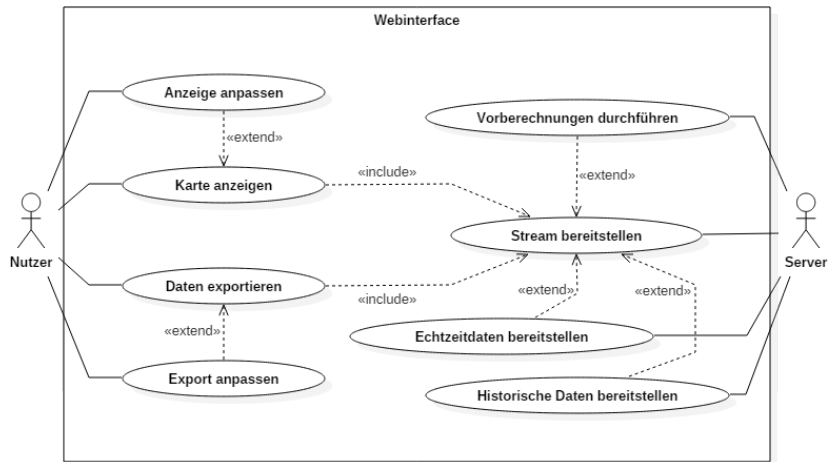
Webinterface

Deutschlandansicht mit ausgewähltem Cluster und Sensor



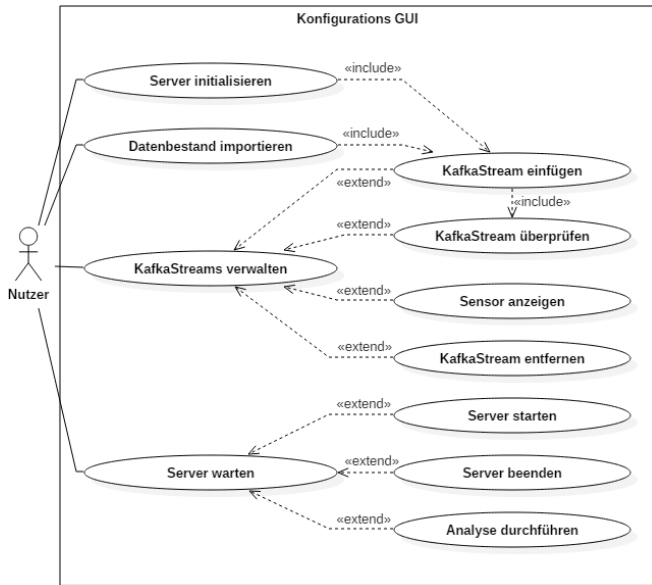
Anwendungsfalldiagramm 1

Bedienung des Webinterface

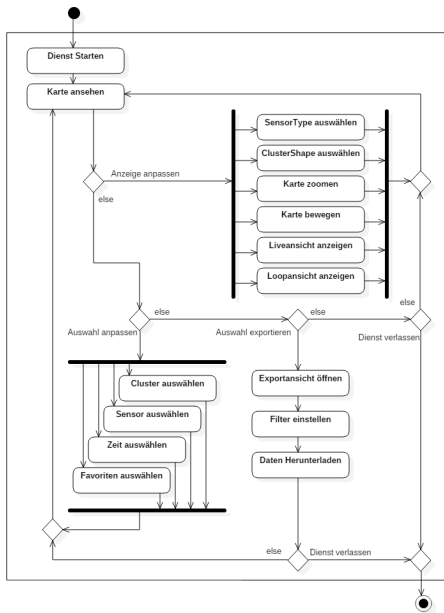


Anwendungsfalldiagramm 2

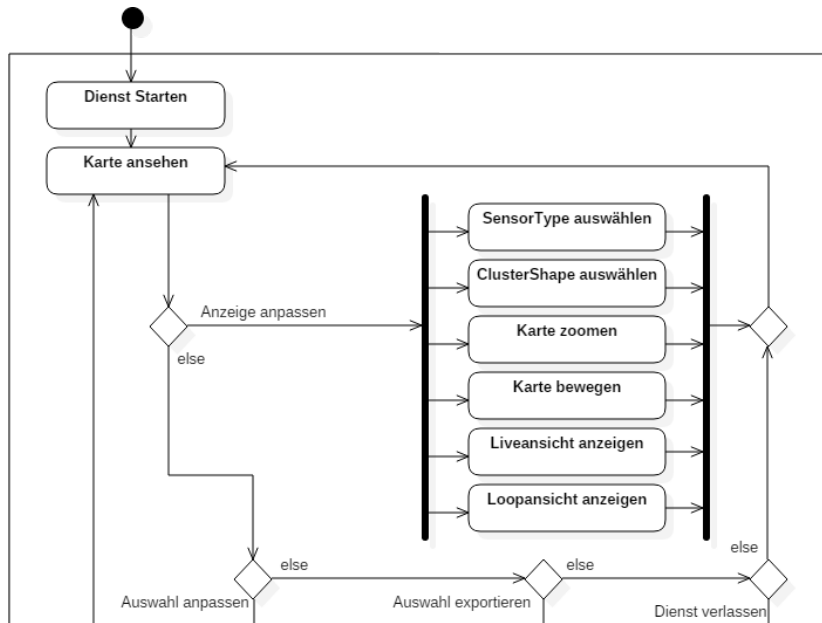
Bedienung der Konfigurations-GUI



Aktivitätsdiagramm



Aktivitätsdiagramm



Aktivitätsdiagramm

