

Module

# **Development of Web Applications**

**(Entwicklung von Web-Anwendungen)**

Summer Semester 2021

# Module „Development of Web Applications“ (Entwicklung von Web-Anwendungen)

Mandatory (Pflichtmodul), 4. Semester:  
**033 526 Wirtschaftsinformatik**

Elective (Wahlmodul):  
**033 532 Medieninformatik und Visual Computing**  
**033 534 Software & Information Engineering**

# Module „Development of Web Applications“ (Entwicklung von Web-Anwendungen)

## Courses

### **2.0h VU 188.951 Web Engineering**

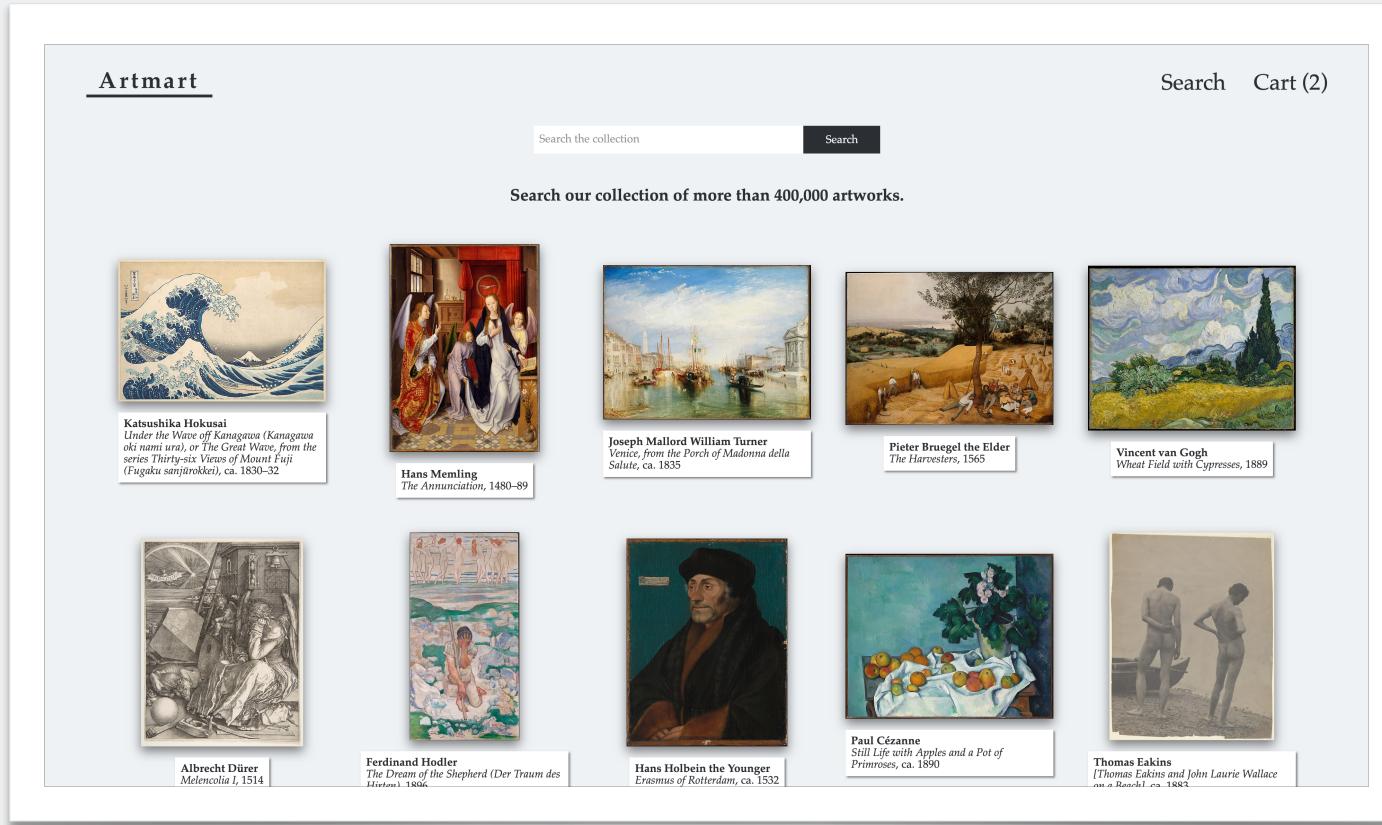
Registration Deadline 03.03. (Wednesday!), 23:55

### **2.0h VU 184.705 Semi-structured Data**

To successfully complete the module, you have to  
successfully complete both courses

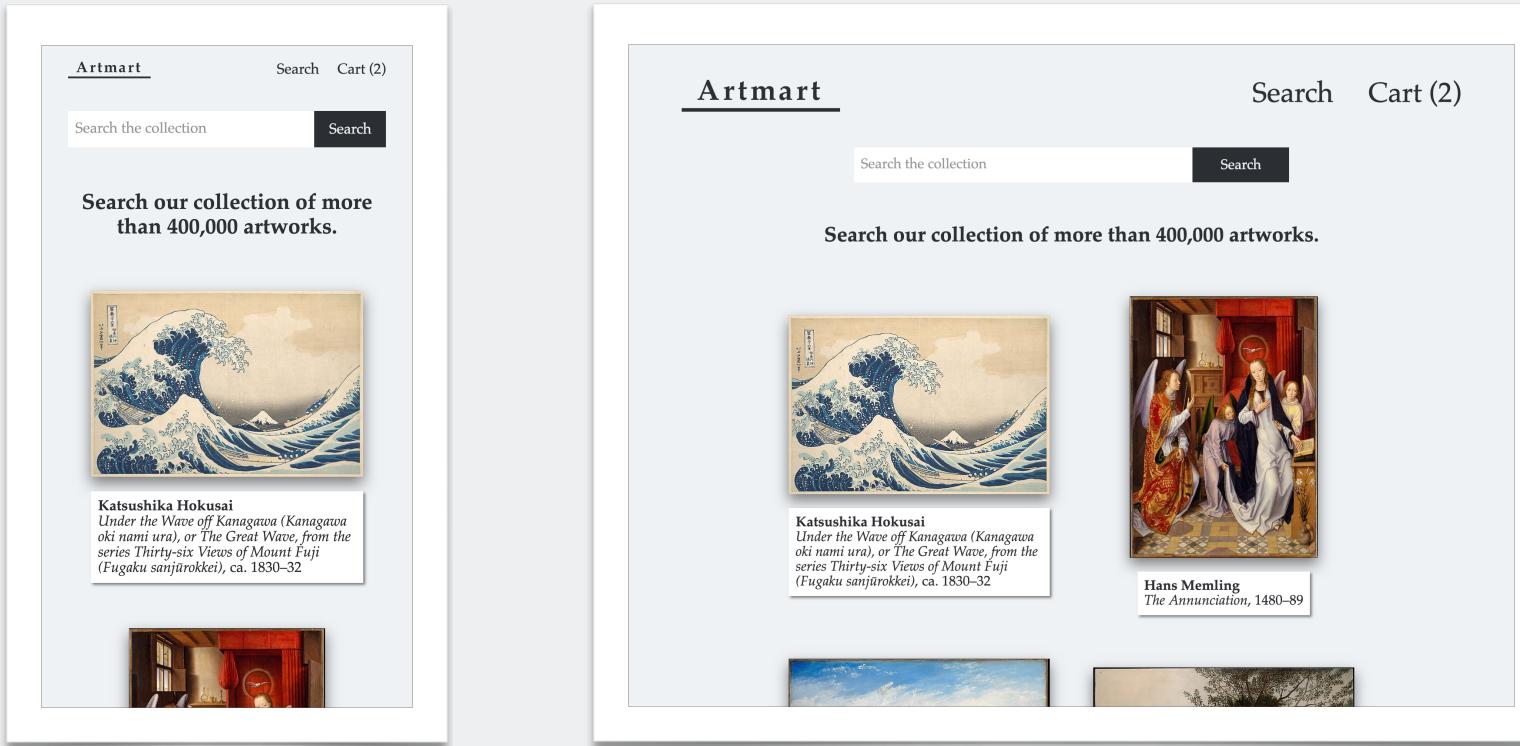
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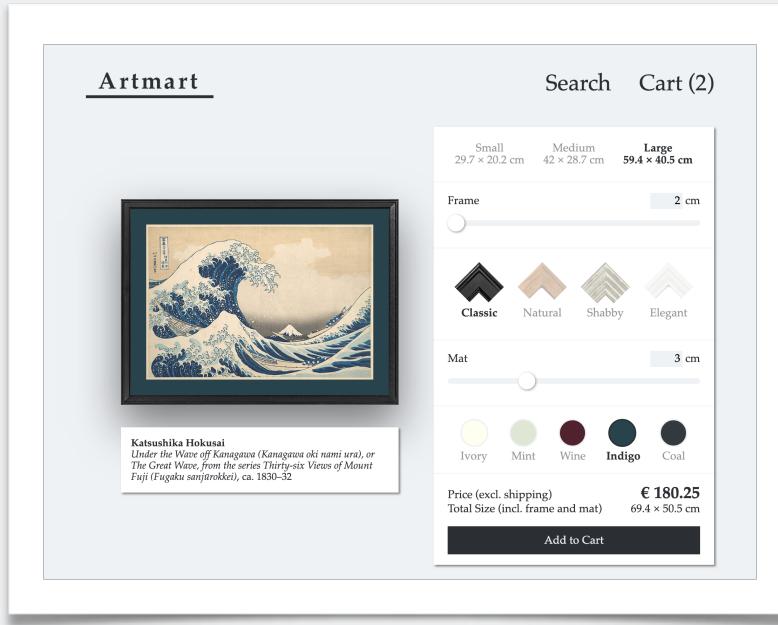


## Assignment 1 (31.03): Static HTML/CSS

- HTML5
- WAI
- CSS3
- Responsive Design

# Project “Artmart”

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The screenshot shows a contact form with fields for email, shipping address, card details, and payment information. It includes dropdown menus for country and a text input for postal code.

## Assignment 2 (28.04):

### Web Interactivity

- JavaScript/DOM
- Service Interaction  
(Metropolitan Museum)

## Assignment 3 (19.05):

### Backend

- Node.js
- REST API

## Assignment 4 (09.06):

### Frontend Abstraction

- Vue.js

# The shift from Structured Data to Semi-structured Data

(because Web data can hardly be structured / stored in a relational DB)

