



Implementation of a web application of Spring Framework to generate an event calendar



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CONTENTS

The background of the slide is a faded, high-angle photograph of a modern urban development. It features a central canal with a small bridge, surrounded by paved walkways, green spaces with trees, and a large, modern building with a curved glass facade and a white roof. Numerous people are depicted walking and sitting on benches, suggesting a vibrant, pedestrian-friendly environment.

1 Background and introduction

2 Methods and process

3 Display websites

4 Summary and Outlook

Background and significance of the selected topic

Background



Web technology is also developing rapidly and the basic specifications of the web itself are constantly improving.



Various Technologies



Technical Framework (MVC, ORM)

Introduction

Webcrawler

Events



Full-Stack

Methods and Process

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Methods



Technical Blogs Query



Open Source
Community

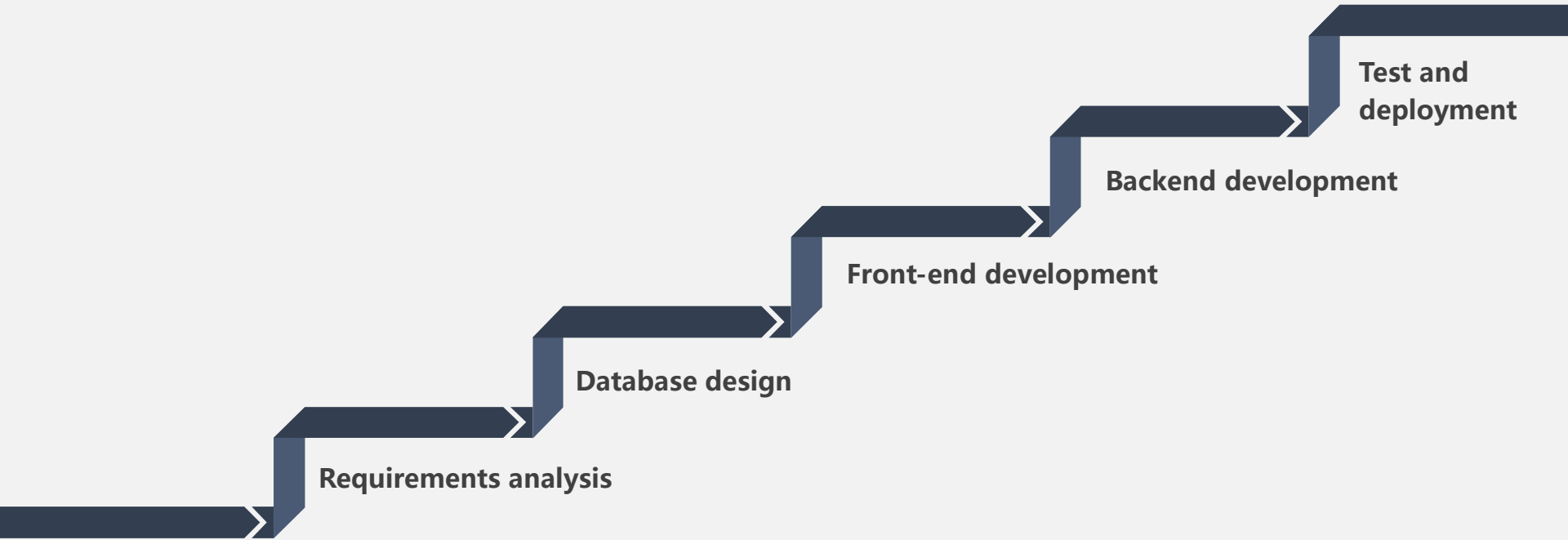


Literature Research



Code Implement

Process



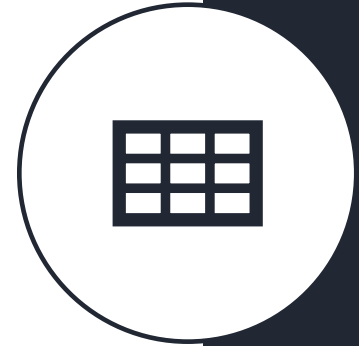


Requirements analysis

- Register
- Login
- Events select
- Events filter
- Edit
- Calendar import and export

Database design - Business processes

- Table:
 - One to one
 - One to many
 - Many to many



Front-end development

- Technology :
 - Thymeleaf
 - jQuery
 - Bootstrap
 - Ajax
 - Font-awesome
 - CSS
 - Tempus Dominus
 - Sweetalert2
 - Google Maps
- Responsive Design



Backend development

Technology :

- Spring date JPA
- Spring Transaction
- Spring Boot
- Jsoup
- ical4J
-

Idea :

- Spring MVC
 - Controller Layer
 - Service Layer
 - DAO Layer
- MySQL Database
- Hash encryption
- RESTful Style

Test and deployment

- Spring Boot Test
- Talend API Test von Google Extension
- One-click docker-based deployment



Test

The screenshot displays the API Tester application interface. The top navigation bar includes a logo, 'API Tester', 'Requests', 'Scenarios', 'Help', and 'Free Edition'. The left sidebar shows 'HISTORY', 'REPOSITORY', and 'MY DRIVE' (containing 'NO SAVED DATA'). The main workspace is titled 'DRAFT' and shows a request configuration for the URL 'http://localhost:8080/venue/2' with the method 'GET'. The 'QUERY PARAMETERS' section is expanded. Below this, the 'HEADERS' and 'BODY' sections are visible, with a note stating 'XHR does not allow payloads for GET request.' The 'Response' section shows a status code of '302'. At the bottom, the 'HISTORY', 'ASSERTIONS', 'HTTP', and 'DESCRIPTION' tabs are present, with a suggestion to add an assertion: 'Status code is in range 3XX, Body content exists'.

API Tester | Requests | Scenarios | Help | Free Edition

HISTORY | REPOSITORY | MY DRIVE (NO SAVED DATA)

Search

DRAFT

METHOD: GET | SCHEME // HOST [: PORT] [PATH [? QUERY]] | http://localhost:8080/venue/2 | length: 29 byte(s)

QUERY PARAMETERS

HEADERS | Form | BODY | XHR does not allow payloads for GET request.

Response

302

HEADERS | pretty | BODY

HISTORY | ASSERTIONS | HTTP | DESCRIPTION

+ Add assertion | Suggestions: Status code is in range 3XX, Body content exists

Export | Import | Project

Display websites

—

Summary and Outlook

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Summary

The application of technology is not deep enough.

Weakness in the literature summary

Due to the lack of programming skills, many ideas cannot be realized through code. This limits my thinking.

Outlook

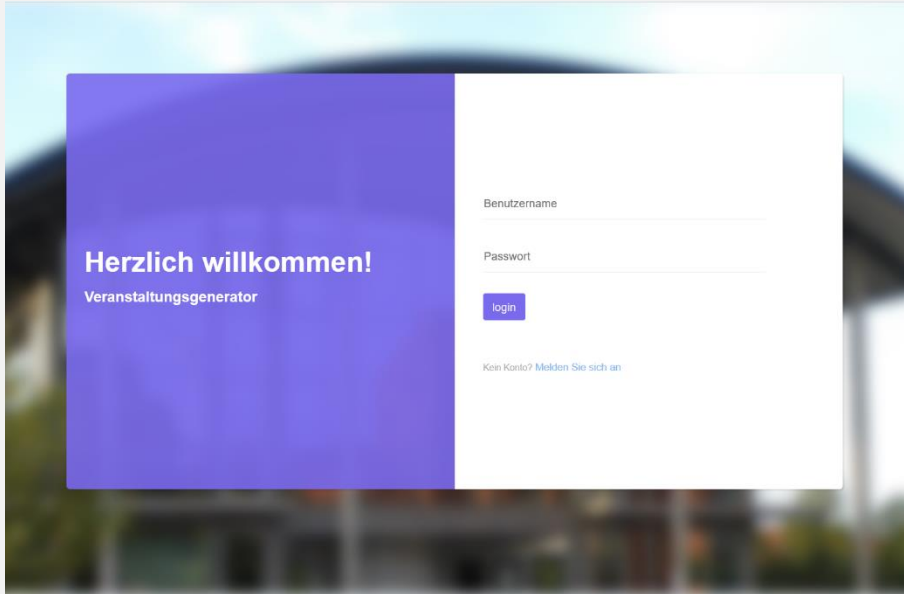
Dynamic display of events

More venue

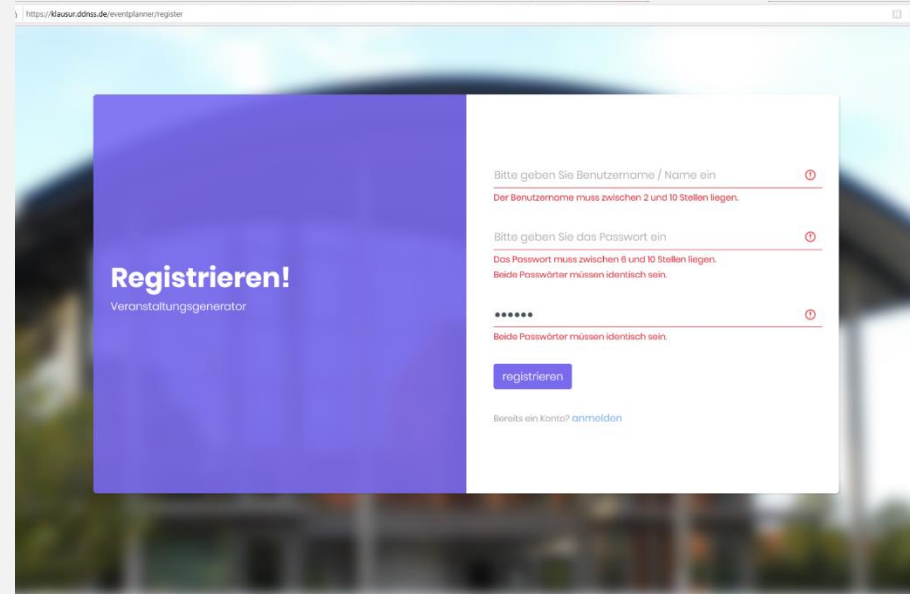
High parallelism (Redis)

Thank you for your attention

Display websites



Login



Register

Webseitenanzeige

Profile: zyoo

★ Veranstaltungsort
♥ Veranstaltung
📅 Gewähr
🔗 Hilfe

Veranstaltung

Kulturetage Oldenburg

Name	Anfangsdatum	Enddatum	Beschreibung	url	wählen
Carl Carlton & The Songdogs	2020-09-03 20:00	2020-09-03 22:00	Halle High in a Sweet Release – Tour 2020	go	wählen
Die Heinz Strunk Show	2020-09-03 20:00	2020-09-03 22:00	Raumlichkeiten: Halle Lesung und Musik -Nach Notat zu Bett-	go	wählen
Heaven 17	2020-09-05 20:00	2020-09-05 22:00	Raumlichkeiten: Halle Konzert -«(We Don't Need This) Fascist Groove Thang» – Tour 2019/2021	go	wählen
Oil! Schulz	2020-09-08 20:00	2020-09-08 22:00	Raumlichkeiten: Halle Konzert -Eigentlich wollt' ich da nicht mehr hin- Tour 2020	go	wählen
Bernd Steller	2020-09-09 20:00	2020-09-09 22:00	Raumlichkeiten: Halle Comedy -Hurra, ab Montag ist wieder Wochenende!	go	wählen

65 records 13 page current 1 page next

Main Page

晚上10:38 忍

Profile: abcd

Sign out

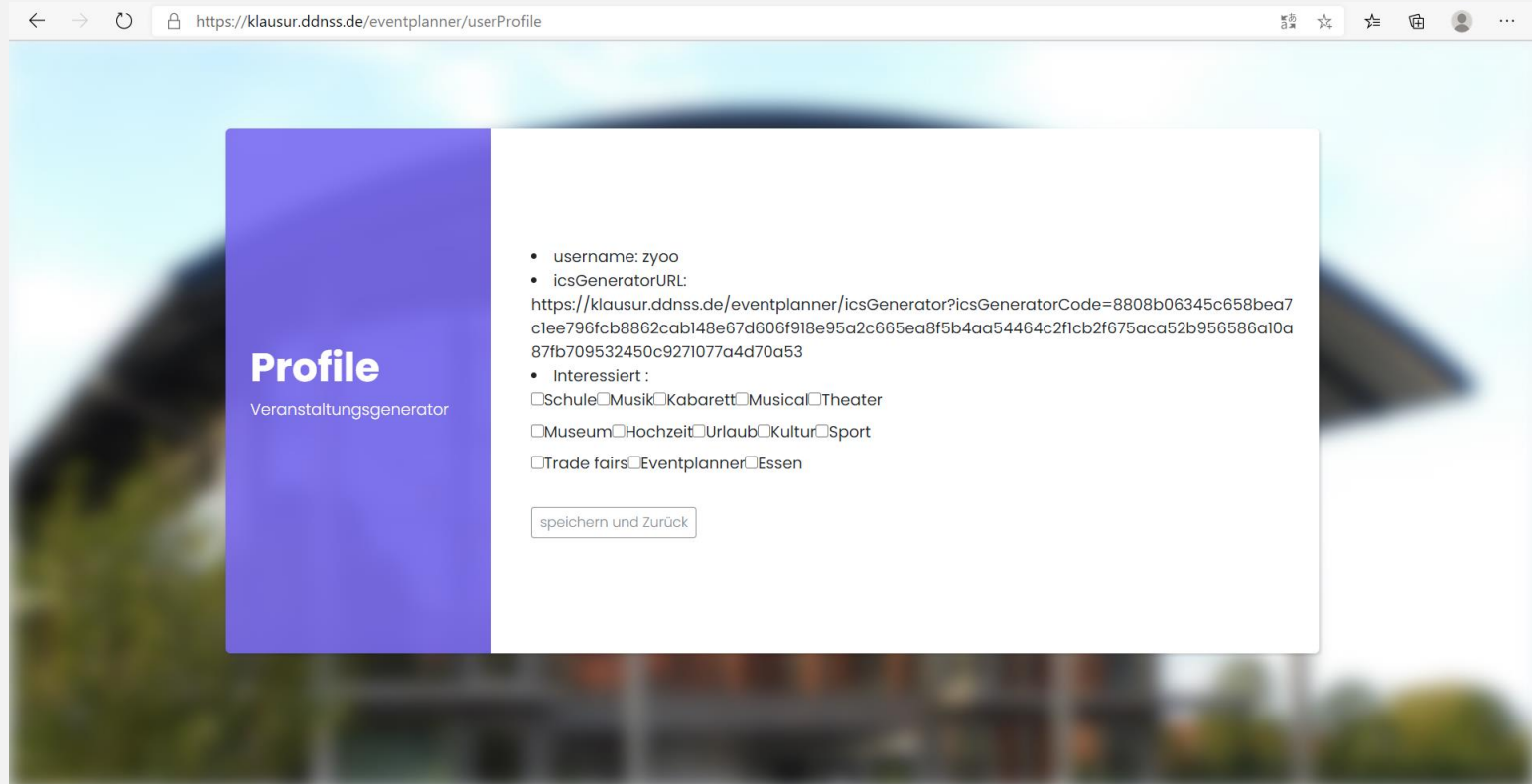
Groningen 阿森 Assen 埃门 Emmen 哈伦 Haren (Ems) 帕彭堡 Papenburg

Veranstaltung

Kulturetage Oldenburg

Name	Details
Carl Carlton & The Songdogs	2020-09-03 20:00 2020-09-03 22:00 Halle.High in a Sweet Release – Tour 2020 go wählen
	2020-09-03

Display websites



Profile

Veranstaltungsort

Display websites

← → ↻ 🏠 | https://klausur.dnss.de/eventplanner/venues | 📄 ☆ 📑 🔍 🗑️ ...

Profile: zyoo Sign out

★ Veranstaltungsort
♥ Veranstaltung
📅 Gewählt
🔊 Hilfe

Veranstaltungsort Speichern

wählen	Name	Beschreibung	Tags
<input checked="" type="checkbox"/>	Kulturetage Oldenburg	Kulturzentrum mit Film- und Kabarettveranstaltungen, Theaterproduktionen und Proberäumen.	Musik,Kabarett
<input checked="" type="checkbox"/>	Zollhaus Leer	Es war das Jahr 1993, als sich der Zollhausverein Leer gründete.	Musik
<input type="checkbox"/>	Theater des Westens Berlin	The Theater des Westens is one of the most famous theatres for musicals and operettas in Berlin, Germany.	Musical,Theater
<input type="checkbox"/>	Theater Neue Flora Hamburg	Neue Flora is a musical theatre in Hamburg, Germany.	Theater,Musical
<input type="checkbox"/>	Theater Kehrwieder Hamburg	Theater für darstellende Künste in Hamburg	Theater,Musical

Venue



Question?