

# ESE

## exercise hour

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<http://scg.unibe.ch/staff/caracciolo>



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**UNIVERSITÄT  
BERN**

# Organization

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## ▸ **When?**

- Wednesday: 14.15 - 16.00 —> lecture
- Wednesday: 16.15 - 17.00 —> exercise hour

## ▸ **Who?**

- Andrea Caracciolo
- Mario Kaufmann
- Joel Niklaus

# Material

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- exercise schedule/resources (code, slides, ..)
  - **ese.unibe.ch**
- communication
  - Face-to-Face: exercise hour
  - Web: Google Group
- slides/assignments/schedule
  - **http://scg.unibe.ch/teaching/ese**

# Grading

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- **Final Grade**

- 40% - Team Project
- 60% - Written Exam

- **Project evaluation**

- code, design, functionality, usability, documentation
- code review report
- final presentation

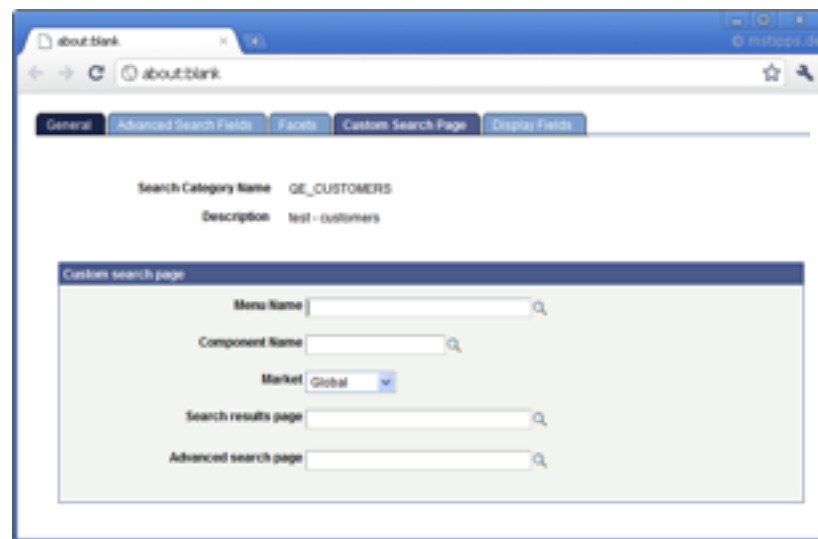
# Project

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- **Project:** Website for Tutoring
  - <http://bit.ly/1IYaPp9>
- **Platform:** J2EE
- **Customers:** ESE assistants
- **Teams:** 4/5 people
- **Schedule:** Weekly Assessments (project status, tasks)

# Web app

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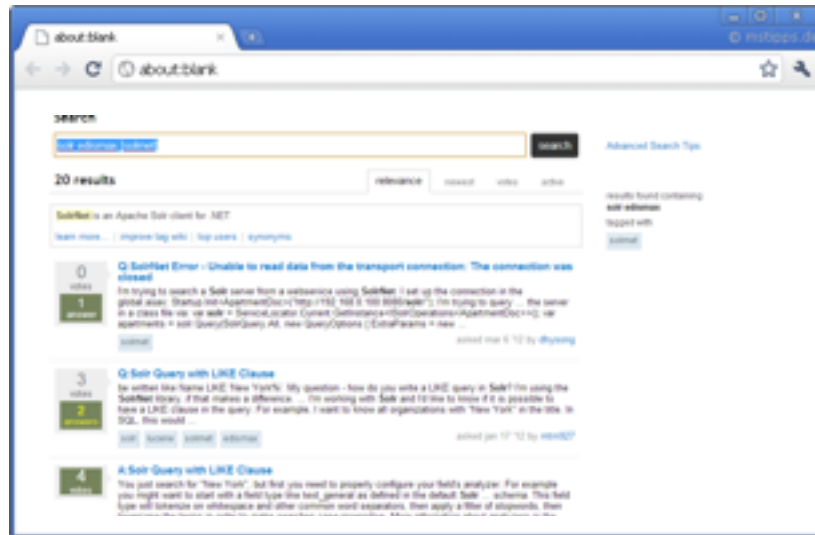


HTTP Request



**Page:** search.jsp  
**Param:** query = "ESE"

# Web app



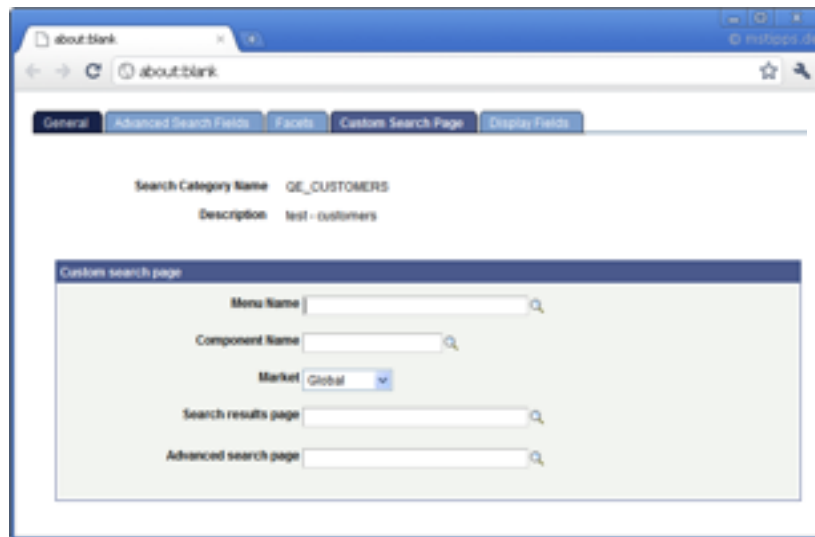
HTTP Response



HTML  
(CSS, JS)

# Web app

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## HTTP GET

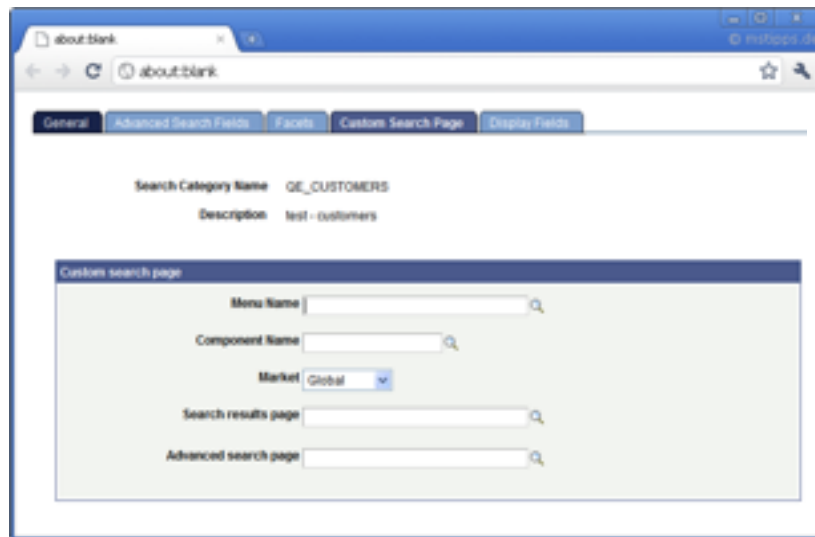
```
<a href="search.jsp?query=ESE">Search</a>
```

```
<form method="get" action="search.jsp">  
  Search: <input type="text" name="query">  
</form>
```



# Web app

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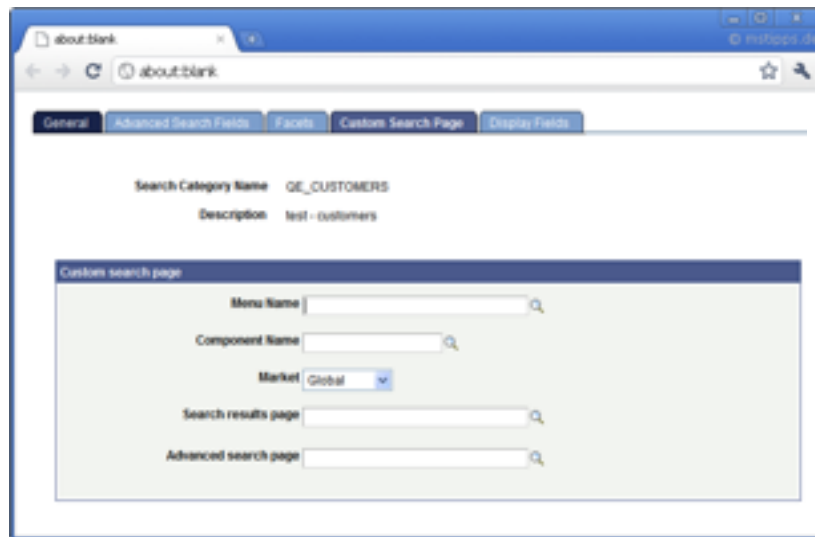


## HTTP POST

```
<form method="post" action="send.jsp">  
  Message: <input type="text" name="msg">  
</form>
```

# Web app

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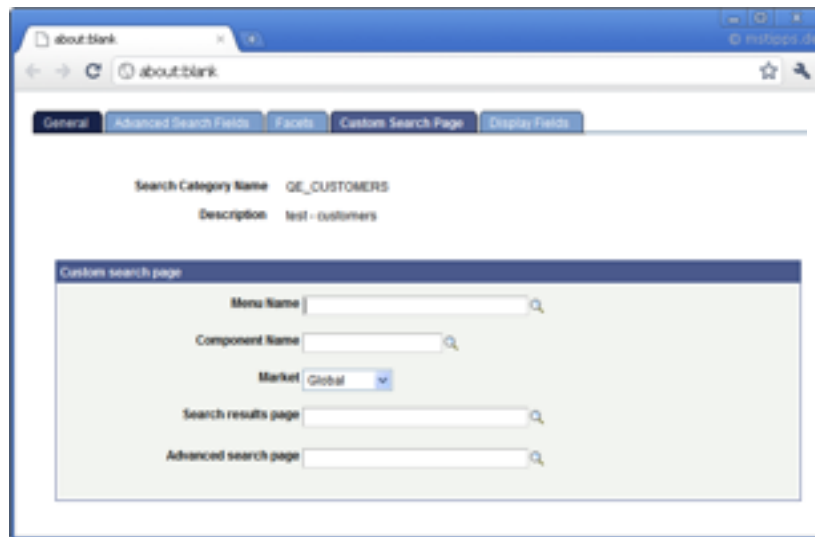


**POST /send.jsp HTTP/1.1**  
**host: 127.0.0.1**

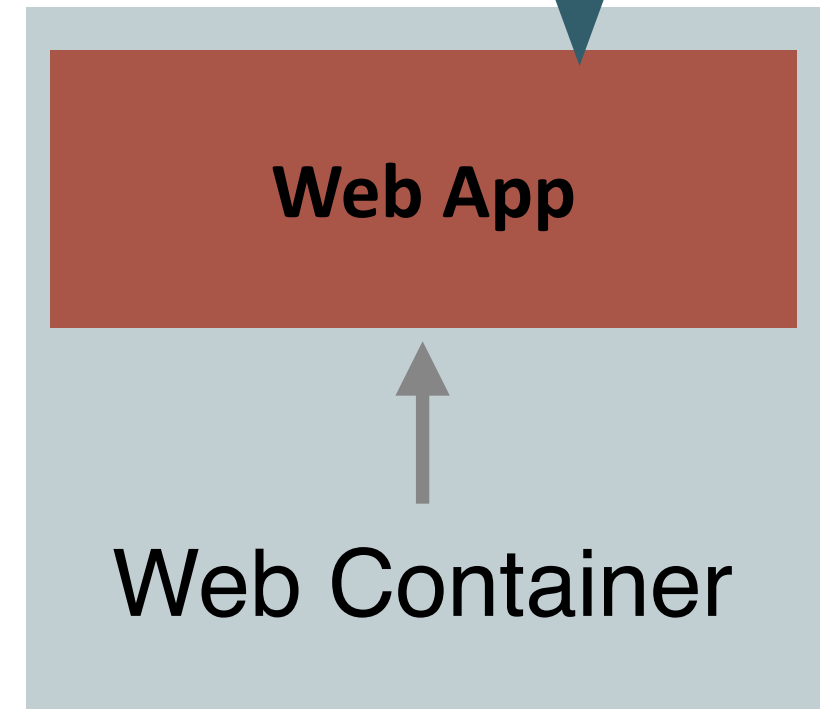
...

**msg=..long text..**

# Web app



send("..long text..")



# Web app

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```
<html>  
  <b style="color:green">  
    Thank you!  
  </b>  
</html>
```

# Web app

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## Basics:

- <http://www.w3schools.com>
- <http://learn.shayhowe.com/html-css/>
- <http://learnlayout.com>
- <http://bonsaiden.github.io/JavaScript-Garden/>

## Resources:

- <https://jquery.com>
- <http://getbootstrap.com>

# First week

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- Register for a project
- Maven: setup the environment
- Start reading ..

<https://github.com/unibe-es/couse-wiki/wiki/Task-Getting-started>