

Demo Day Preparation

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AMOS A05

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The AMOS Demo Day

The demo day is the final day of the course

- The demo day is organized as a fair (“Messe”)
- Student teams show the results of their project
- Audience are industry partners and fellow students

Demo Day Process

Opening (20 min.)

- General introduction
- 1 slide, 1 min. introduction by each team (one speaker)

Demos (100 min.)

- After the introduction, we split up into the different projects
- One presentation booth (in-person) / demo room (online) for each project
- At least one person from each project needs to be ready to demo
- Demo day participants (including students without booth duty) roam around
- There are five parallel demo sessions, and sessions restart every 20 min.

Closing (5 min.)

- We come together in the main room to say goodbye

Demo Day Schedule

| Time | Duration | Responsible | Title | Room |
|-------|----------|-------------|-------------------|------------|
| 10:15 | 10 min | Riehle | Introduction | Main room |
| 10:25 | 10 min | Teams | One slide summary | Main room |
| 10:35 | 20 min | Teams | Demo | Demo rooms |
| 10:55 | 20 min | Teams | Demo | Demo rooms |
| 11:15 | 20 min | Teams | Demo | Demo rooms |
| 11:35 | 20 min | Teams | Demo | Demo rooms |
| 11:55 | 20 min | Teams | Demo | Demo rooms |
| 12:15 | 5 min | Riehle | Conclusions | Main room |

In-Person Presentation Booth

You (students) are given a “presentation booth”

- The booth is a table plus pinboards for posters
- Please pin your posters to the pinboards and be ready to discuss them

You will demo your work in this booth

- Demo your project, usually using your laptop
- Explain your work using the posters
- Support the demo with a slide deck
- Have the demo day video ready as a backup

Online Demo Room

You (students) create a Zoom room from the project demos

- Please create the Zoom room and share with the teachers
- We will point demo day participants to your demo rooms

You will demo your work in this Zoom room

- Demo your project using your laptop
- Explain your work using a slide deck; should contain
 - One slide on product management
 - One slide on software development
 - A team photo slide (can be screenshot)
- Have the demo day video ready as a backup

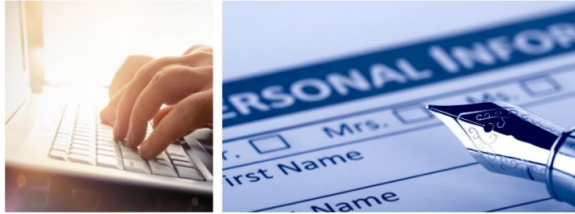
Use of Corporate Identities

Please use your university logo

Please use your team logo

Please use your industry partner logo, but ask first

Example Posters 1 / 2



Personalfragebogen 2.0

Personnel Questionnaire Automation



Personalfragebogen 2.0* is a personal data management software solution, supporting companies of any size in hiring new employees more efficiently.

The product improves the hiring process by automating the collection of personal data during the hiring procedure, and provides aid in managing the collected data.

Demo Day
Friedrich-Alexander Universität
Erlangen
Wednesday, 15 July 2015 10.15-11.45

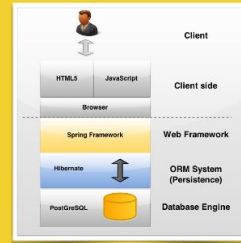
*Personalfragebogen 2.0 is a joint project between FAU's OSR Group and DATEV eG.

Personalfragebogen 2.0

Personnel Questionnaire Automation



Software Architecture



Technology

| Name | Function |
|--------------------------|--------------------------------|
| Spring Framework (4.1.6) | Java based Web Framework |
| Java SE (7u79) | Fundamental Platform |
| HTML5 | Client-side core technology |
| Selenium (2.45.0) | UI Testing/Integration Testing |
| JUnit (4.12) | Java Unit Testing Framework |
| Hibernate ORM (4.3.9) | ORM System for persistence |
| PostgreSQL (9.4.1) | Database Management System |
| Tomcat 7.0.61 | For local deployment |

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Example Posters 2 / 2

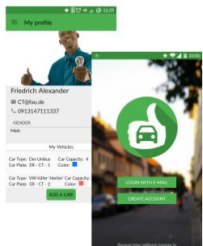


CroudTrip!

sponsored by Elektrobit

The CroudTrip! application wants to revolutionize the car-ride-sharing market with its easy, user-friendly and highly automated way of organizing shared Trips!

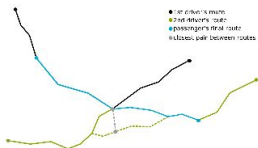
The Product



- Offer and join shared Trips at short-notice!
- For drivers: Easily find passengers on the way you are going anyway ... and earn money with it!
- For passengers: Reach your destination comfortably!
- We will automatically match you to the best offer in real-time!
- Simply check-in and check-out of your Trips using NFC on your device!
- No direct Trips? No problem - Join a SuperTrip! with multiple drivers!

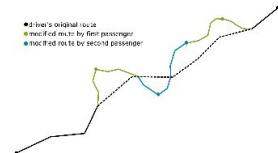
The Concept

SuperTrip!



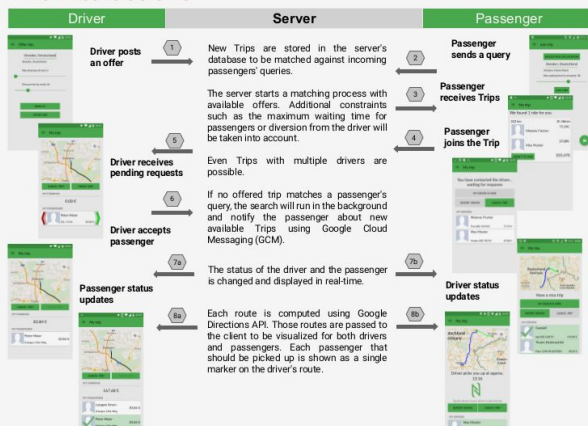
- Combine multiple offered routes to serve passengers even if there is no direct connection available
- Find routes which can pick up a passenger from his start position or drive to his final destination
- Subdivide those routes, compute the closest pair of those waypoints and use it as a "connection point"
- If the distance of the closest pair is too large, start a recursive matching process with these two waypoints

Multiple Passengers

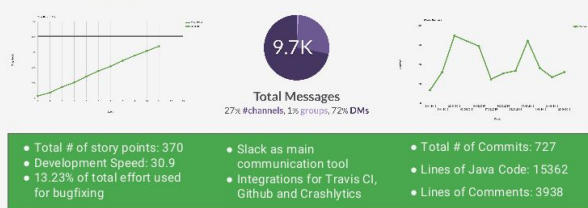


- Match multiple passengers with one driver who will pick them up and bring them to their destinations in an optimal order
- Optimal order is constrained by given internal order of each waypoint pair, because each passenger has to be picked up before the driver reaches his destination location
- Compute optimal order by solving the Travelling Salesman Problem via Brute Force (max. 4 passengers)

The Interactions



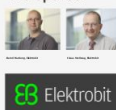
The Process



The Team



The Sponsor



The University



Demo Preparation

Dos

- Have a clean user interface
- Use domain terms and examples
 - In the user interface (labels, titles)
 - In the stories you tell
- Have a story to tell, for example,
 - A day in the life of ...
 - A workflow example
- Make the demo data reentrant
 - You will have to start over repeatedly
 - You always want to start at the same point

Don'ts

- Use “test” or “help” as labels
- Not follow the advice on the left

Demo Execution

Have two people ready to demo

- One explains what is going on (talks to people)
- One demos the software in line with story

Thank you! Any questions?

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