

# Many ways to travel

Building a comparison portal for package tours with diverse transportation

Final presentation of the software development lab 2020

Online presentation | 17<sup>th</sup> July, 10:00 to 11:45 (CET)

**JULY**

**17**

## Software development lab

The software development lab is a course for students enrolled to the bachelor computer science program at RWTH Aachen University. In this lab, the students gain experience in conducting a software project as a team of four to five students over a time period of three months.

## The assignment

Amadeus asked each student team to develop ideas for a user interface of an online travel agent's website. The teams had to implement a prototype based on data for hotels, flights, train trips, and public transportation. Each of the three teams went through an iterative process



For the third time, Amadeus has played the role of the customer in such a lab, tasking the the student teams with developing a software solution for an assignment.

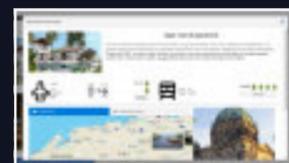
## The scenario

The focus was on packaged tours with the option for the consumer to choose between different means of transportation. For example, a consumer could choose to travel from Aachen to Berlin by going to Cologne/Bonn airport with public transportation, taking a flight from Cologne/Bonn to Berlin Tegel, and getting from there to the hotel by public transportation. Alternatively, he or she could take a train from Cologne to Berlin instead of the flight. Offering such a product as an online travel agent would require a user interface that gives the consumer a comprehensive overview of the transportation options.

of developing and sketching ideas, implementing their prototypes, and presenting the intermediate results to their customer.

## The results

The teams present the results of their work in the lab's final presentation. Are you curious? Join the final presentation!



**Join the presentation on  
July 17th 10:00 (CET)**



## Contact persons for the lab

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We thank the [AVV](#) and the [VBB](#) for giving the lab access to their public transportation data.

## Image references

- Poster's background image by Luca Bravo (published on Unsplash)
- The train icon is a modified version of an icon published on [Wikipedia](#)
- All other icons by [Icons8](#)