Co-founded by the Erasmus+
Programme of the Eurpoean Union

1/8

Meet, join, share and get your benefits!

Search

course

Industrial Software Engineering

Above 200 students from 5 universities in Belarus and Denmark
22 real problems provided by companies
NORDEA prize fund 30,000 DKK (about 4,000 euros)
9 original solutions in the field of computer technology

The projects were carried out by international distributed student teams. Real-life problems to slove were submitted by Danish IT companies and startups. The development of projects was carried out applying Scrum Framework.
Many Scrum teams were created, which included a scrum master, developers, a product owner, and an agile coach. The work was organized remotely using the Trello, Zoom, Discord etc..

A wide range of frontend and backend technologies and tools were used: Java, C #, ASP.Net, Angular, React, JavaScript, NodeJS, GraphQL, Azure Server.

Co-founded by the Erasmus+
Programme of the European Union

In addition to the professional skills, students gained unique experience of communicating with the product owner, teamwork experience, time management skills, public speaking skills, significantly improved english speaking skills.

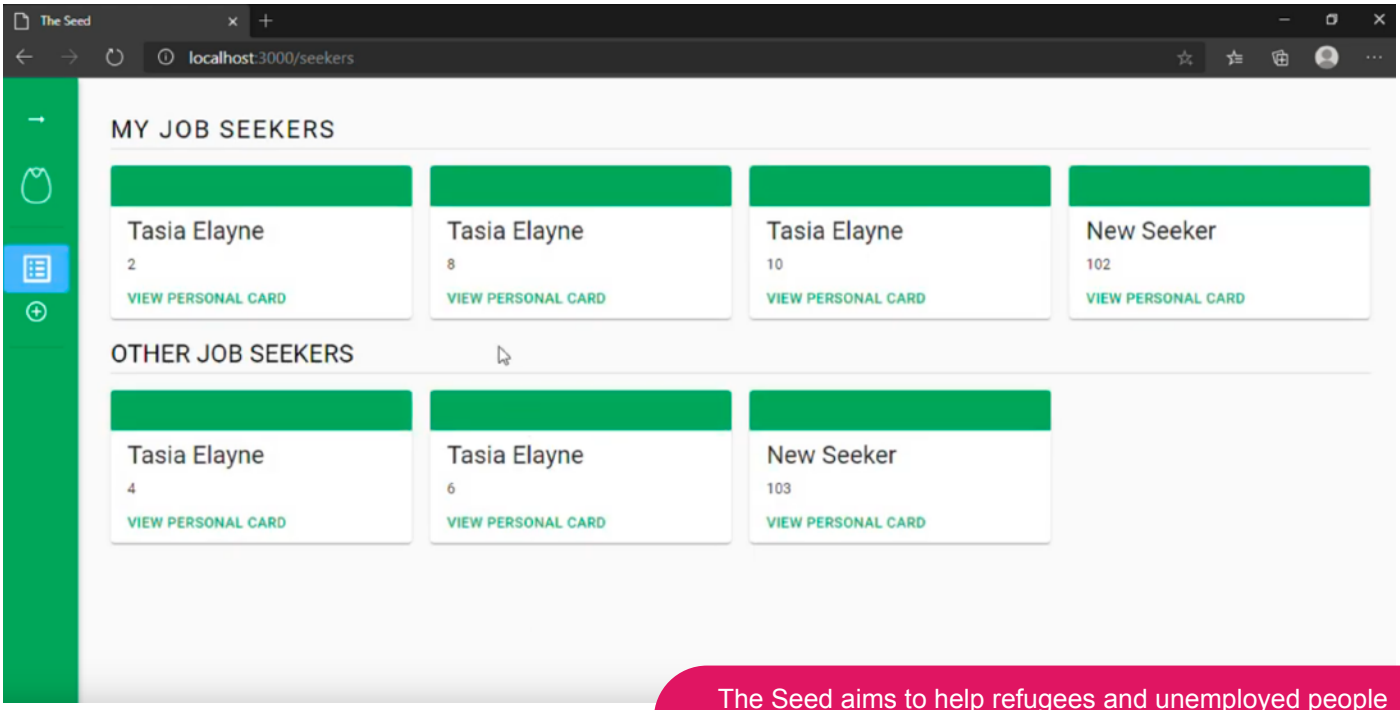
What about you? Do you know the main “puzzels” of Scrum?

1. What does “agile” mean?
a) Flexibility in goals and objectives, processes
b) Guarantee that the product will be 1:1 as in the project specification plan
c) What does SCRUM have to do with this?

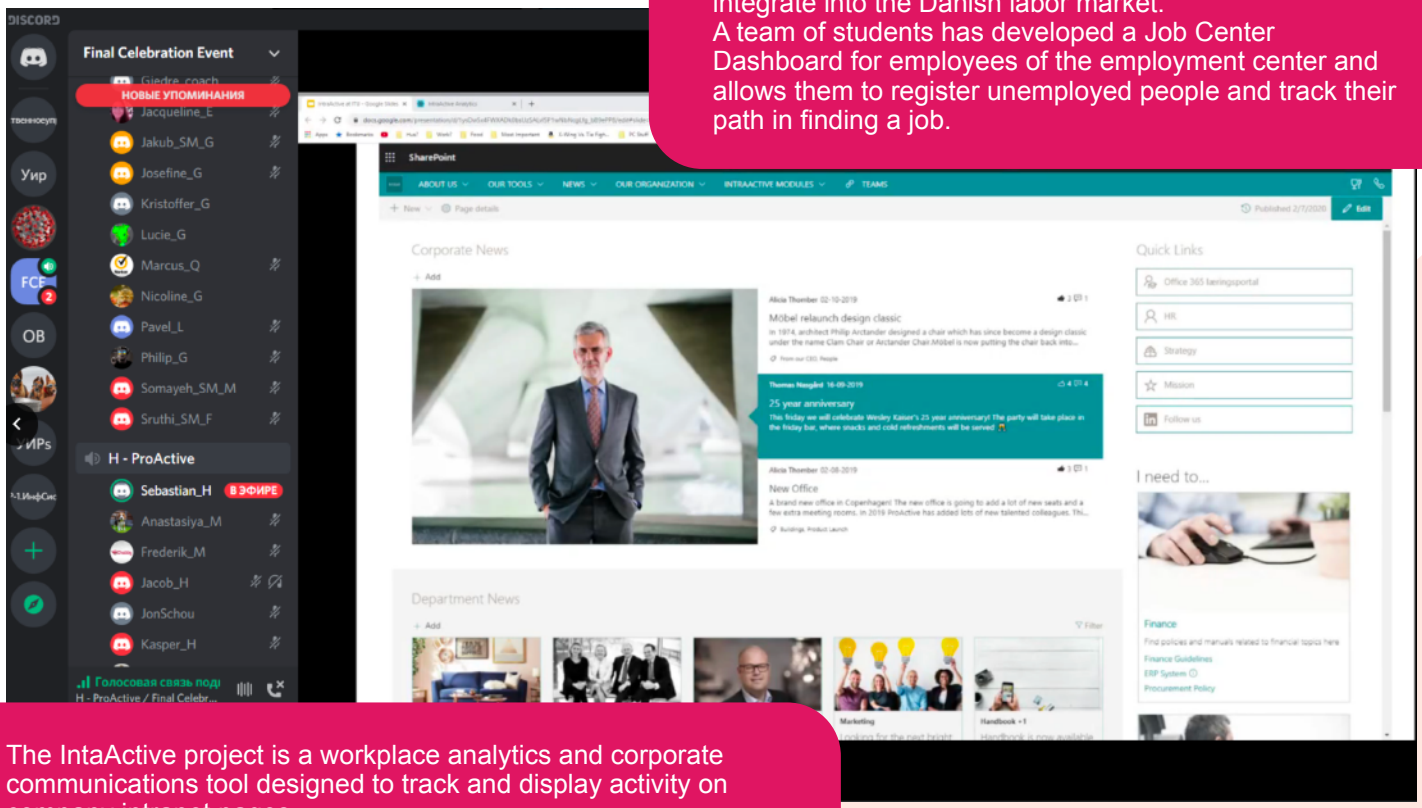
2. What roles do not exist in SCRUM?
a) Product owner
b) SCRUM master
c) Ex-Bad-Users

3. Which of these is not used in SCRUM?
a) User stories
b) SCRUM board
c) SCRUM spoon

Right answers on page 5



The Seed aims to help refugees and unemployed people integrate into the Danish labor market.
A team of students has developed a Job Center Dashboard for employees of the employment center and allows them to register unemployed people and track their path in finding a job.

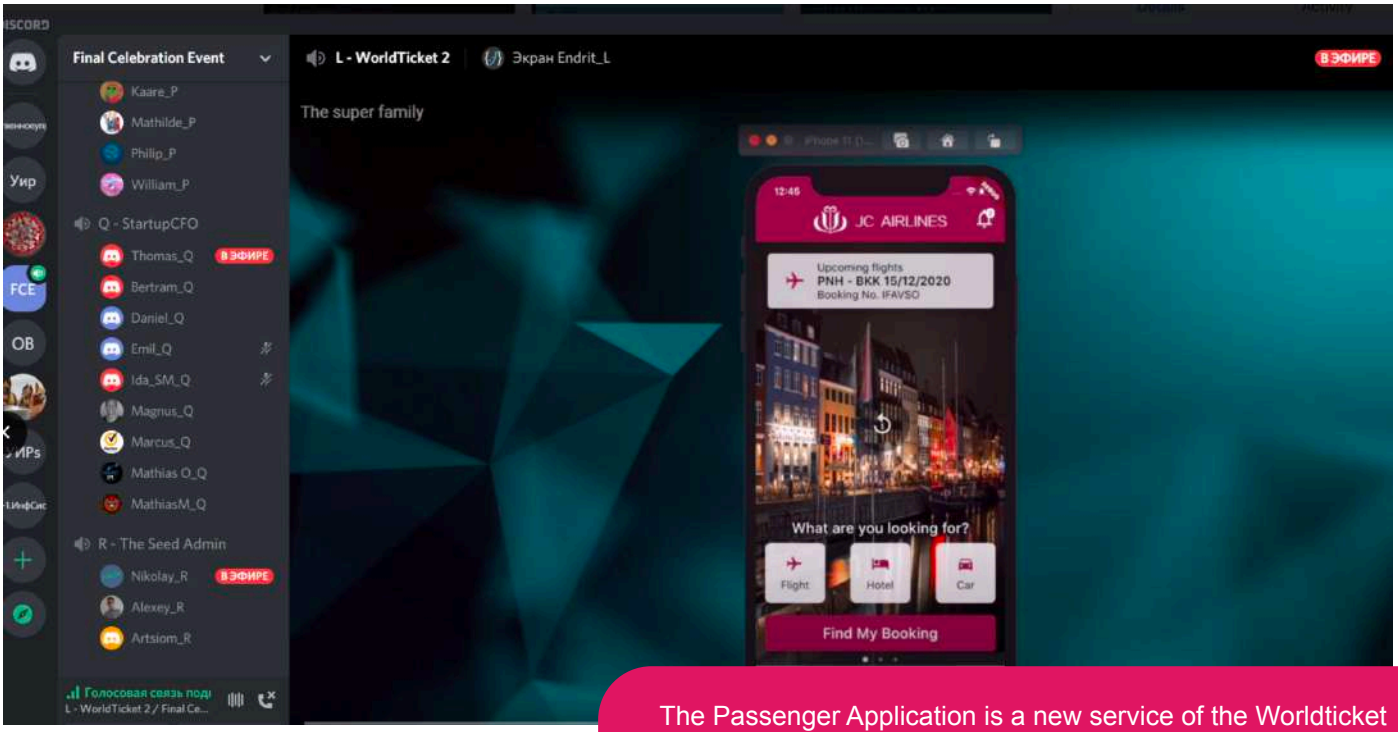


The IntaActive project is a workplace analytics and corporate communications tool designed to track and display activity on company intranet pages.

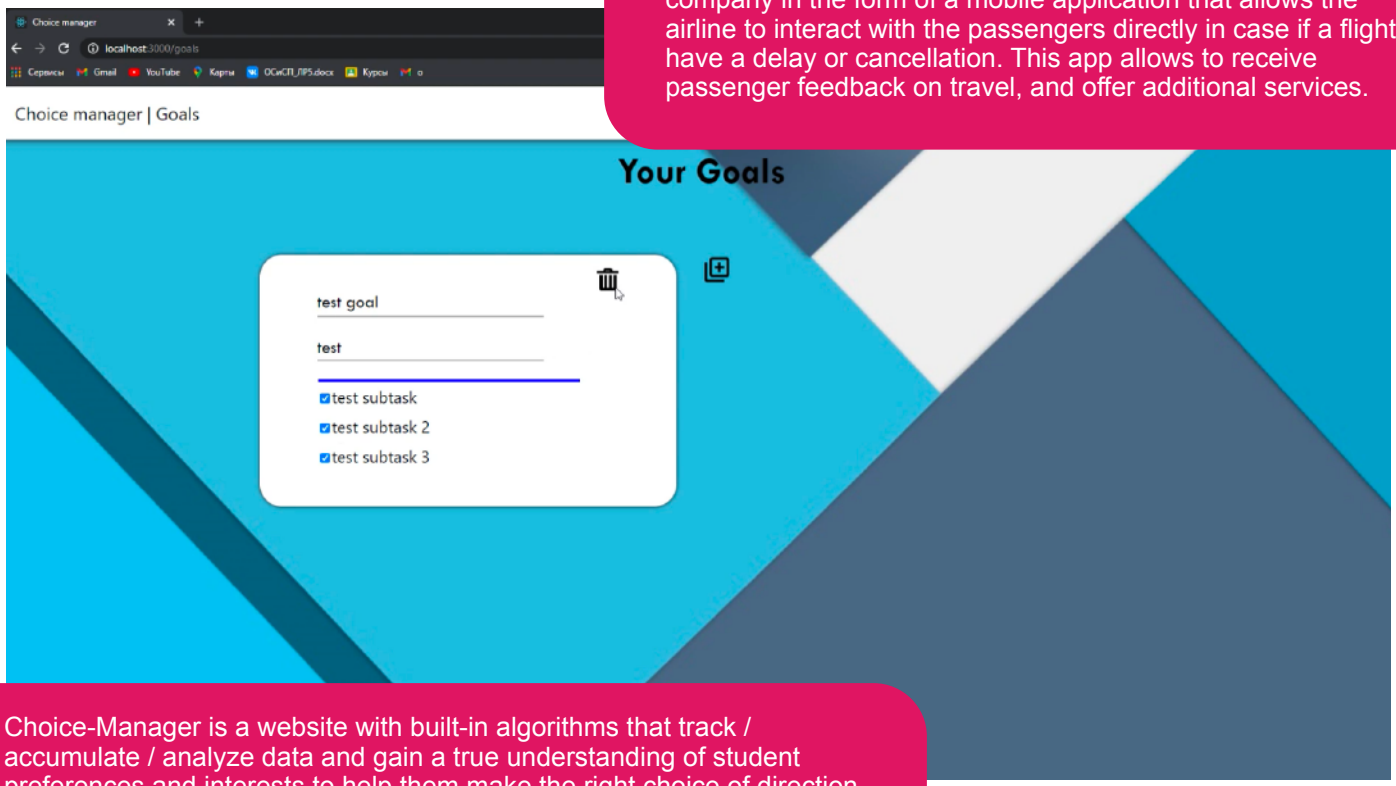
Do you also want to get acquainted with one of the most famous management tools?
Do you want to work with international companies in the same way?
Do you want to see world-class highly qualified employees in your company?

We at MACICT know how to help you!
Admire some of the students solutions on these pictures

Co-founded by the Erasmus+
Programme of the European Union



The Passenger Application is a new service of the Worldticket company in the form of a mobile application that allows the airline to interact with the passengers directly in case if a flight have a delay or cancellation. This app allows to receive passenger feedback on travel, and offer additional services.



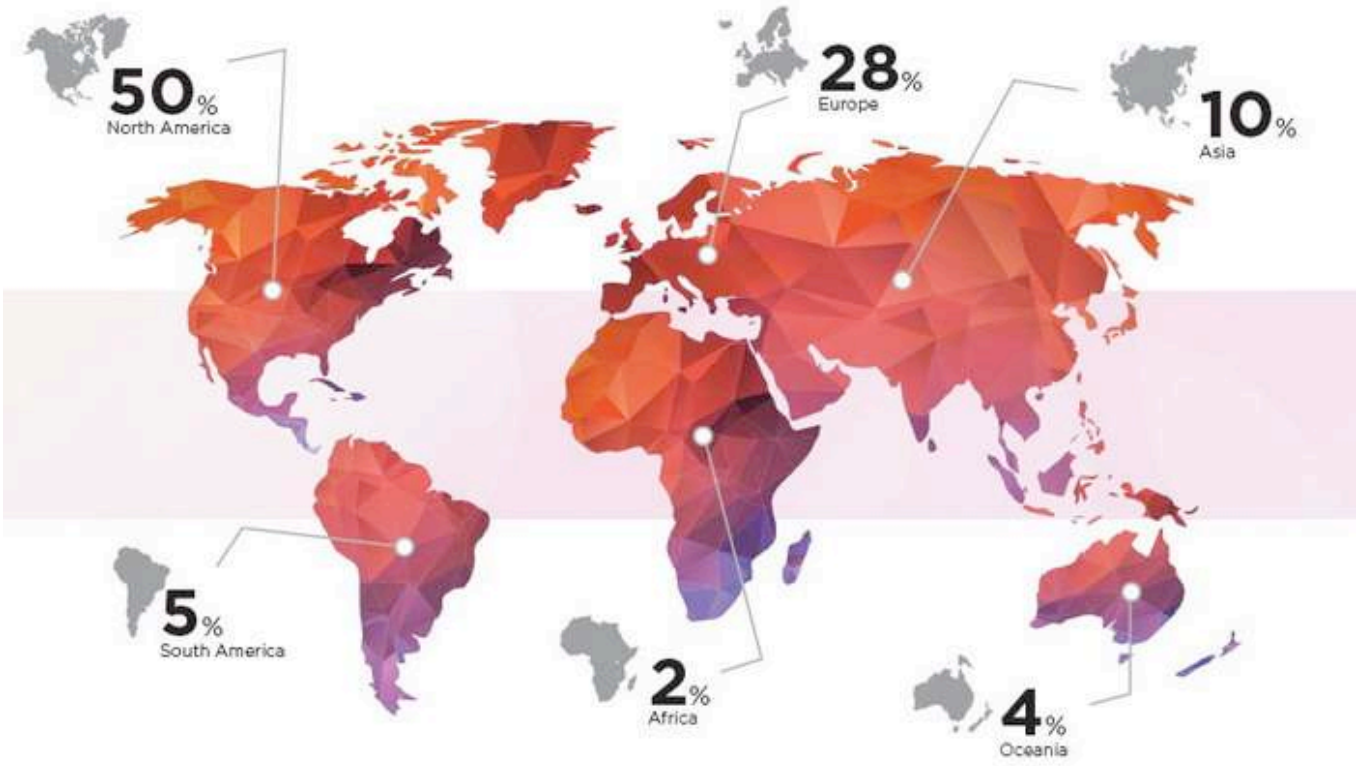
Choice-Manager is a website with built-in algorithms that track / accumulate / analyze data and gain a true understanding of student preferences and interests to help them make the right choice of direction in their studies and in life.
The goal of the project is to reduce the number of students who spend years attending “useless classes”.

Do you want to know which of the projects received a prize of 2000 euros?

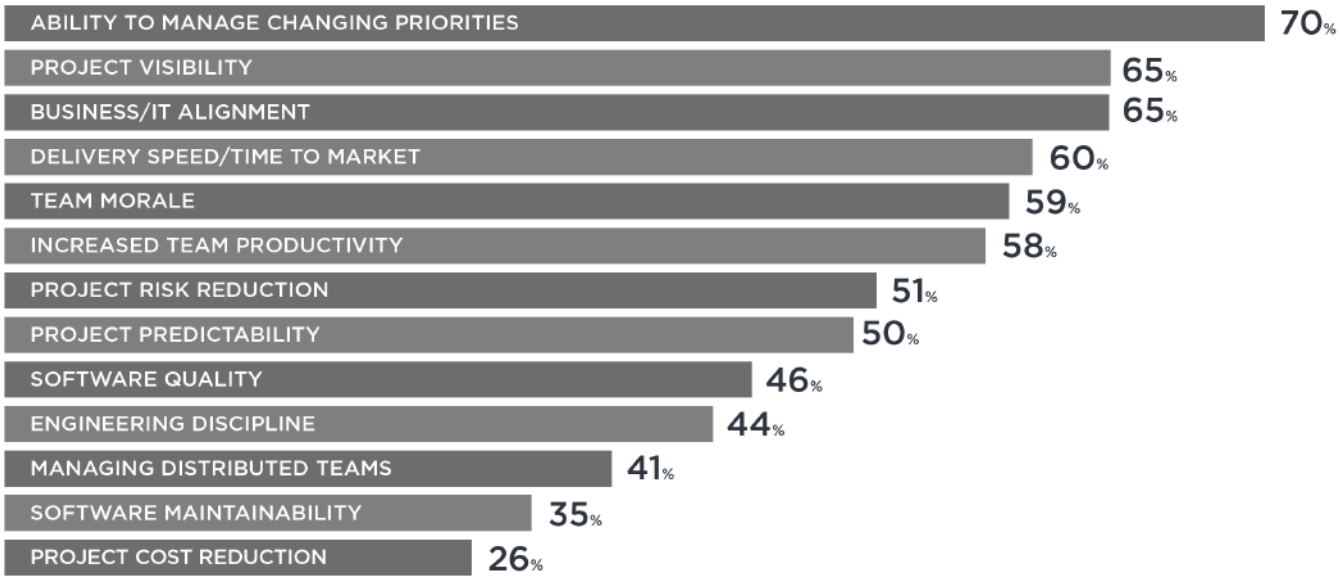
Ask the MACICT team at your university, we are always glad to share our experience
And of course check the correct answers for the SCRUM test:
1a 2c 3c

Co-founded by the Erasmus+ Programme of the European Union

Using Agile in the World



What are the companies benefiets of adopting Agile?



*Respondents were able to make multiple selections

Over 40,000 users took part in the survey organised by State of Agile in year 2020. The results are impressive. Is not it?
Learn more about the study at https://stateofagile.com

Co-founded by the Erasmus+
Programme of the European Union

Agile is only a small part of our project
About 70 students have already started their studies under the updated program. With the support of European colleagues, teachers in Belarus we have developed modern courses. We have updated 10 disciplines in each of the 5 partner universities. Here are some of them:

- Psychology of Human-Machine Interaction
- Neural Networks and Deep Learning
- Academic Writing & Presentations
- IT Career Management

Our courses incorporate global trends and modern market requirements

Prof. Dr. Juho Mäkiö
project coordinator
University of Applied Sciences
Emden/Leer (Germany)

Our project has reached the last year and this is a good time to see the results.

MACICT partners in Belarus have developed unique Master's Courses in IT that optimally prepare students for a career in this sector.
Learning-by-Doing is an important part of the modernized courses. In this way we have implemented several international projects in which students have developed different software.

With MACICT, we have prepared the perfect springboard for students to pursue successful careers after graduation.

Becoming a Master with MACICT is worth it!

I worked on the project for a 3 months in nice team in an interesting and useful way.

I developed professional skills, gained invaluable experience in team work, experience in interacting with the customer of the product.

It was the best way to immerse myself in the real-life work-conditions in the IT sphere and stimulate further development.

Anton Zlobich
Student of Yanka Kupala
State University (Grodno, Belarus)

Co-founded by the Erasmus+
Programme of the European Union

MACICT

Do you want to become a part of our project?
We still have a whole year ahead!

We will harvest and share our delicious results!
Join us!

Your most COLORFUL year with MACICT

info@macict.eu macict macict.eu _macict_

www.macict.eu