



ESN

Ticketing App

Students:

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Mentor: dr. Domen Šoberl

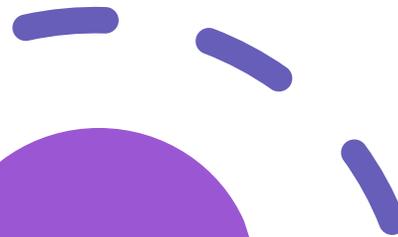
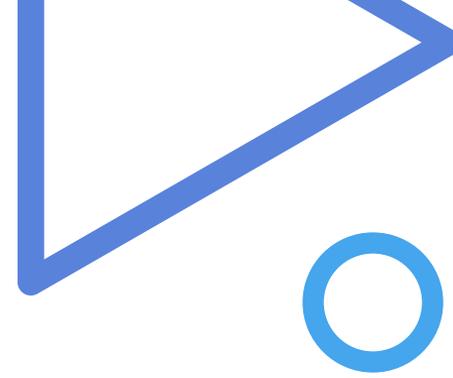
Meet the team

Milan Milivojčević, Karolina Trajkovska

- First year Master students
- BSc in Computer Science
- Volunteers at ESN Primorska and ESN Slovenia

Dr. Domen Šoberl

- Department of Information Sciences and Technologies
- Research: Artificial Intelligence, Machine Learning



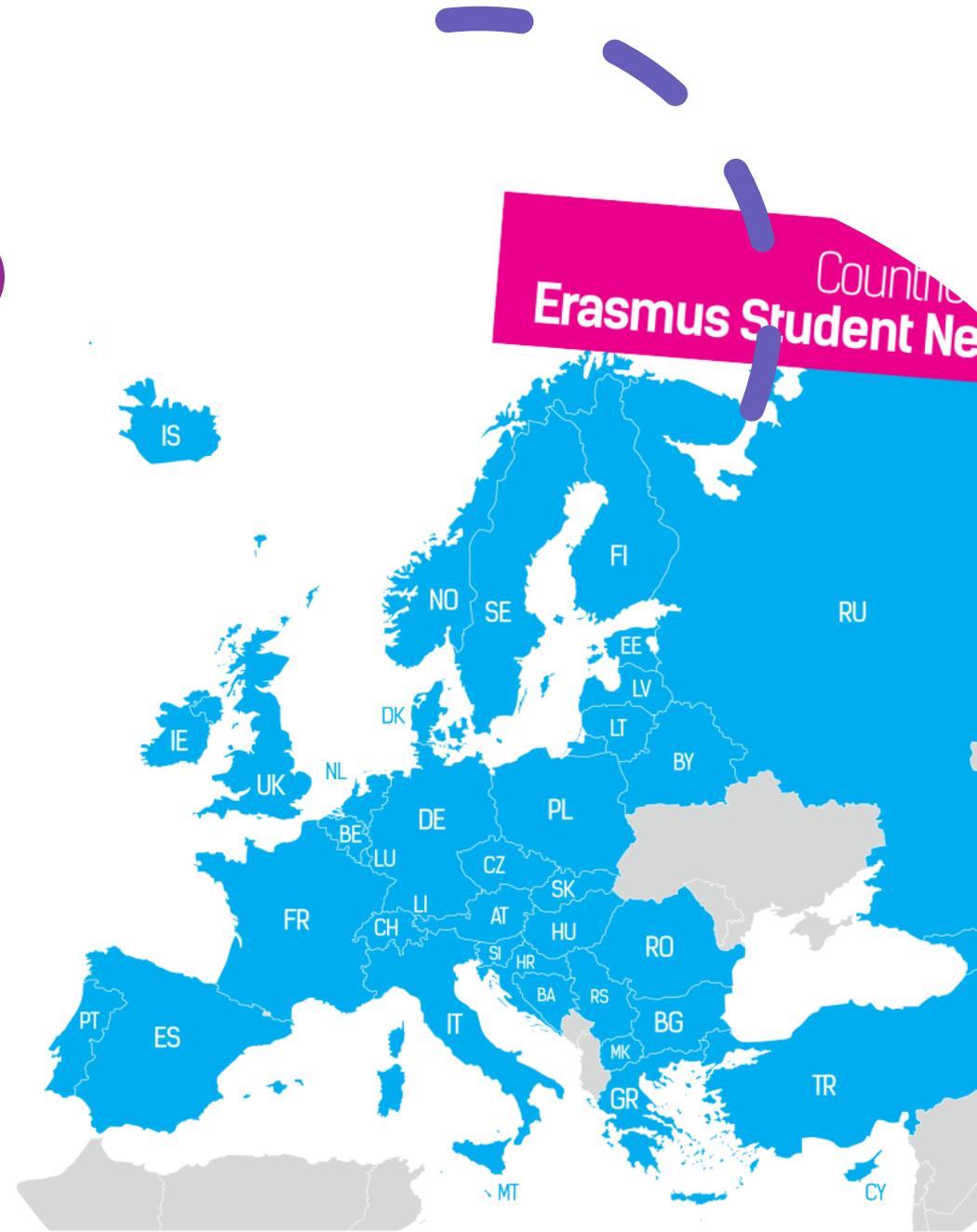
Briefly on ESN

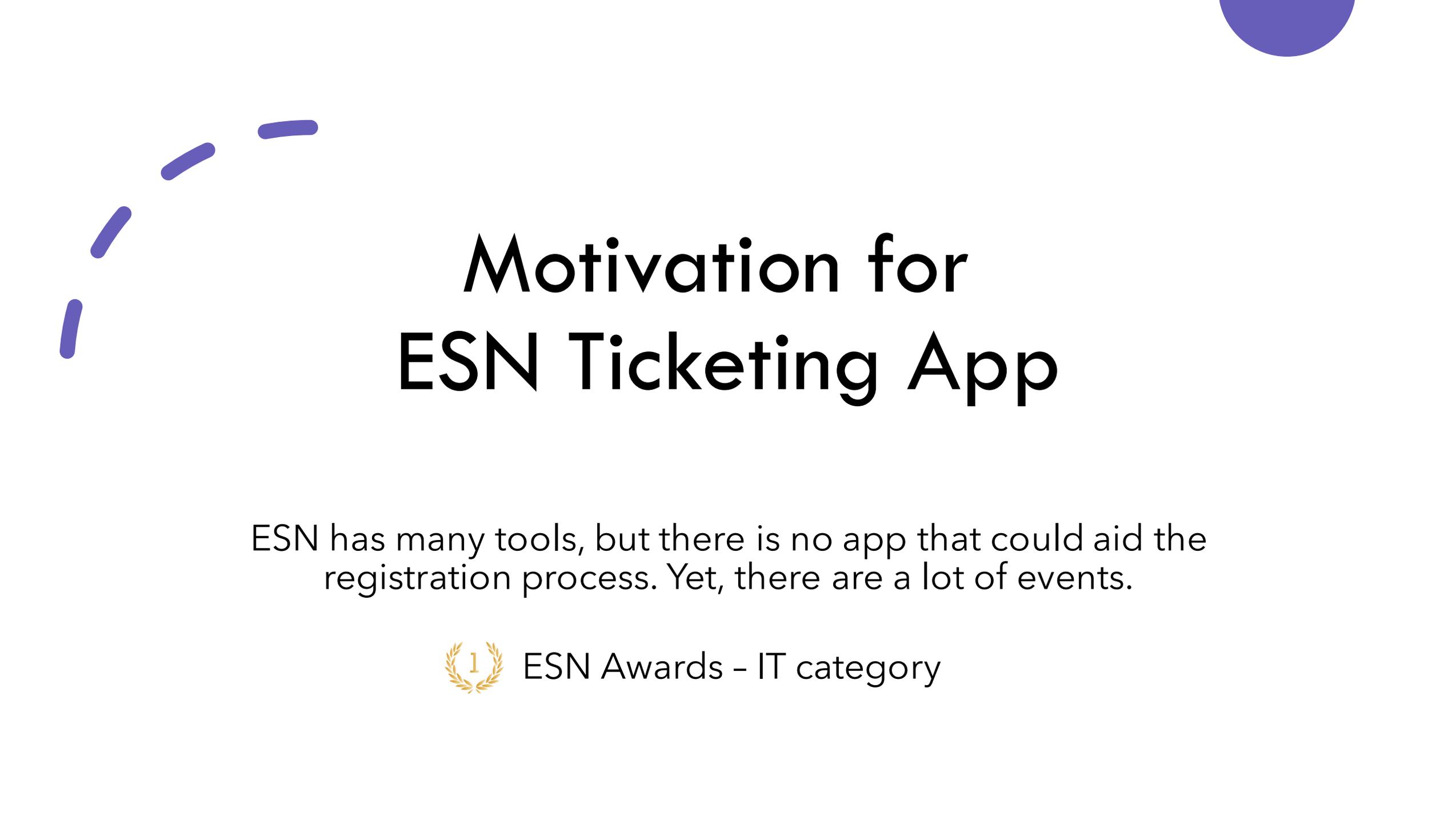


Erasmus Student Network (ESN) is one of the biggest student associations in Europe.

- Works in the interest of international students
- Works to improve the social and practical integration of international students
- Motivates students to study abroad
- Organizes different activities (events, trips, workshops etc.)

Source: <https://esn.org/about>





Motivation for ESN Ticketing App

ESN has many tools, but there is no app that could aid the registration process. Yet, there are a lot of events.



ESN Awards - IT category

Problem definition

Current Event Registering process:



Problem definition

Current Event Registering process:



- Data gets lost ◀
- Time inefficient ◀
- A lot of manual work ◀
- Can't reuse the data ◀

Problem definition

Current Event Registering process:

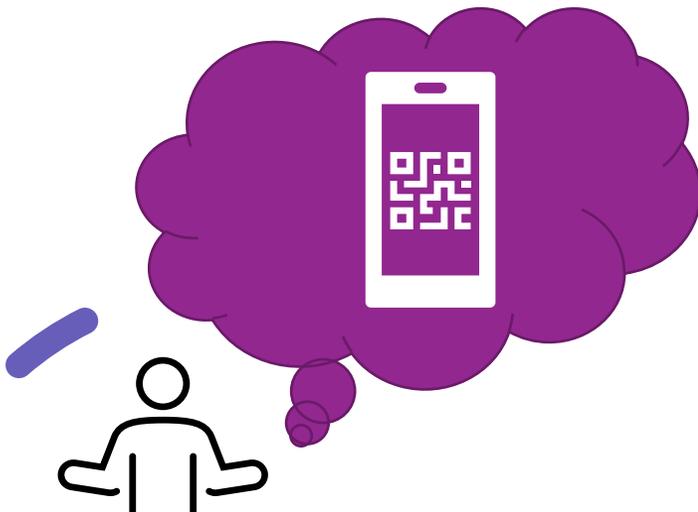


Data gets lost ◀

Time inefficient ◀

A lot of manual work ◀

Can't reuse the data ◀



Current Solutions

Don't satisfy requirements

- No personalization
- Manual input
- No option for section account

Limited (Paid)

- Limited tickets
- Time limitations
- "Unlock Feature"

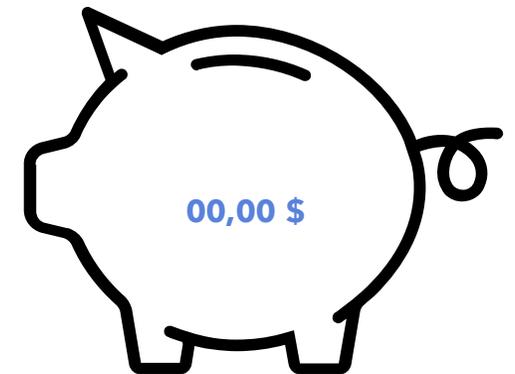
Current Solutions

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Our Solution (web-app)

Erasmus Student

- Create account
- See list of events
- Register to event
- Use ticket

Future:
Leave feedback



Local/National Section

- Create account
- Create event
- View registrations
- Issue tickets
- Scan ticket

Future:
Overview feedback
See statistics
See recommendations

Technologies



More tools



Technologies



Methodology

Agile SCRUM – a sprint-based methodology

More tools



Work Plan

 **Project Seminar Hub** - basic, deadlines, resources, documentation

Development:

 **Tasks** - detailed view of all **smaller tasks** per project

 **Projects** - tracking the progress of a "project"

(a big task contains **smaller tasks**)

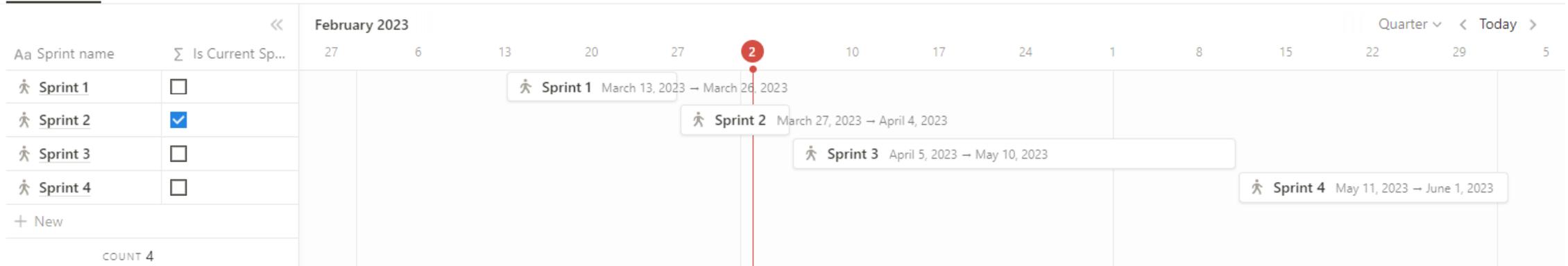
 **Sprints** - timeline of sprints

(sprint contains projects)

Sprints

 Timeline  All 

Filter Sort   **New** 



Tasks

By project This sprint Backlog Mine People +

Project Status: To-do, In Progress, ... Assign Due Sprint Project + Add filter

1. Forming Team 3 ... +

Aa Task name	Status	Assign	Due	Sprint	Project
Look for other members	Done	Karolina Trajkovska Milan Milivojce	March 8, 2023	Sprint 1	1. Forming Team
Discuss topics	Done	Karolina Trajkovska Milan Milivojce	March 10, 2023	Sprint 1	1. Forming Team
Approach a mentor	Done	Karolina Trajkovska Milan Milivojce	March 13, 2023	Sprint 1	1. Forming Team

+ New

COMPLETE 3/3

2. Researching the market 2 ... +

3. Planning 5 ... +

▼ 4. Developing 11 ... +

Aa Task name	⚙ Status	👤 Assign	📅 Due	🏃 Sprint	🏠 Project
📄 Create Database	● Not Started	 Karolina Trajkovska	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Setup environment	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Navbar	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Footer	● Not Started	 Karolina Trajkovska	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Home page	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Event page	● Not Started	 Karolina Trajkovska	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 Event registration	● Not Started	 Karolina Trajkovska	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 User page	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 CRUD User	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 CRUD Event	● Not Started	 Karolina Trajkovska	May 10, 2023	🏃 Sprint 3	📁 4. Developing
📄 CRUD Ticket	● Not Started	 Milan Milivojcevic	May 10, 2023	🏃 Sprint 3	📁 4. Developing

+ New

COMPLETE 0/11

▶  5. Testing 1 ... +

▶  6. Finalizing 3 ... +



Thank you!

Q&A