Fontys University of Applied Sciences

Event manager

Process report

**ProP**

**Code Embassy**

Ivelin Slavchev

Vasil Sirakov

Lyubomir Yankov

Marina Tzenkova

Contents

[Work division 3](#_Toc484603170)

[Ivelin Slavchev 4](#_Toc484603171)

[Vasil Sirakov 4](#_Toc484603172)

[Lyubomir Yankov 4](#_Toc484603173)

[Marina Tzenkova 4](#_Toc484603174)

# Work division

|  |  |  |
| --- | --- | --- |
| Team member | Application | Implemented feature |
| Ivelin Slavchev | REST Server | Shop product functionality |
| Ivelin Slavchev | REST Server | Camp reservation functionality |
| Ivelin Slavchev | REST Server | Shop functionality |
| Ivelin Slavchev | REST Server | Ticket functionality |
| Ivelin Slavchev | REST Server | User functionality |
| Ivelin Slavchev | REST Server | User authentication functionality |
| Ivelin Slavchev | Web application | Login and registration functionality |
| Ivelin Slavchev | Web application | Camp reservation functionality |
| Marina Tzenkova | C# application – LoanStand application | Implementing full LoanStand application with GET-POST-UPDATE functionality, exception handling, log-in-logout functionality, sorting of data and ticket scan |
| Marina Tzenkova | C# application – Statistics application | Implementing full Statistics application with GET functionality, exception handling, log-in-logout functionality, sorting of data and periodical update of database information |
| Marina Tzenkova | C# application – Check-out application | Implementing full Check-out application with GET-POST functionality, exception handling, log-in-logout functionality, sorting of data and ticket scan |
| Vasil Sirakov | Shop application | Product management and QR scanning, GUI |
| Vasil Sirakov | Check-in application | Ticket management and QR scanning, GUI |
| Vasil Sirakov | Camping application | Checking if reservation is paid or not, QR scanning, GUI |
| Lyubomir Yankov | REST Server | Borrowed item functionality |
| Lyubomir Yankov | REST Server | Camps functionality |
| Lyubomir Yankov | REST Server | Events functionality |
| Lyubomir Yankov | REST Server | Items functionality |
| Lyubomir Yankov | REST Server | Item types |
| Lyubomir Yankov | REST Server | Loan stands functionality |
| Lyubomir Yankov | REST Server | Payments functionality |
| Lyubomir Yankov | Web application | Tickets, reservations and design |

# Ivelin Slavchev

During the project I focused on developing the REST server and the web application. The things I learned while developing this project can be categorized as technological and personal.

For the technological skills I learned how to develop a REST server using Java Spring framework, along with Java Persistence API for database management and Spring Security for authentication and authorization. I also learned some new functionality from JavaScript, jQuery and Bootstrap.

As for the personal skills, I learned how to manage my workload, how to set and achieve milestones, how to split work efficiently in a team and how to document my projects better.

# Vasil Sirakov

During the project I was working mainly on the building of the C# applications. I had to do a lot of research in order to have the applications working as intended. A lot of time went to look up various libraries that would make the planned features possible to implement. I practiced a lot of the things I studied through this first year, mainly in PCS, while writing the C# applications. I also had to design part of the GUIs which proved quite challenging to please the customer. I used HTTP requests and the JavaScript Object Notation by the means of communicating with the server and I had no knowledge of this before.

I also learned how important teamwork is and more aspects of it and also how important it is to abide deadlines and be a serious contributor to the group in order not to be a dead weight to the others.

# Lyubomir Yankov

During the project I mainly focused on developing the REST server and the web application.

I learned how to develop a working REST server using Java Spring Framework, along with the Java Persistence API. For the website part I learned some new functionalities of certain libraries, like: JQuery, Bootstrap.

# Marina Tzenkova

During the project I focused on learning about HTTP requests via C# and working with implemented REST server functionalities.

The things I learned while working on this project are mainly working with my team, discussing current process, errors and parallel work. For technological skills I learned how to work with GET, POST and UPDATE requests in a C# application, how to implement more flexible my knowledge from the C# course from the university. Also I learned how to work with the security of the REST server, the log-in-logout functionality and the exception handling implemented there.

As for personal skills, what I learned most is teamwork and getting everything done at the right time without delaying.