

<p>WORKING JOURNAL – REPORT ABOUT ACTIVITIES BEFORE AND AFTER THE MEETING</p> 	<p>Belgia from 14.10. to 21.10.2012</p> 	<p>NAME, CLASS:</p> <p>Kristijan Vidović</p> <p>4 C</p>
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PREPARATIONS

I was working with teacher Vukšić who prepared me for the project I had to do in Belgium. He introduced and prepared me for the programs (Logosoft,Eplan) I had to work with. Teacher Antić helped me with the presentation of our school.

	WORKING ACTIVITIES	COOPERATION WITH STUDENTS FROM OTHER SCHOOLS, WHAT, HOW AND WHEN
14.10.2012	We arrived at airport in Brussels and then boarded on the bus to Antwerp. After settling in the Hostel we went on an evening walk and visit to the local pub.	Meeting with Spanish and Slovenian students.
15.10.2012	- After breakfast around 7:30 we went to the Spectrum school by tram. Students presented their schools and they gave us guided tour of the school. While waiting for lunch they introduced us to the mini projects and set up into teams. I was in a group that worked with Logosoft program. After introduction we all made sure that everyone knows what their job is for the next 3 days. One Romanian student and I had to connect all the wires of the Conveyor station and programme the PLC to work a specific task. Spanish student had to make an eplan scheme of the PLC. Two Romanian girls were making a PowerPoint presentation of the whole process. Our mentor gave us the paperwork that we would need and explained what the conveyor station needs to do at the end of the 3 days work. From 14:00 to 17:00 we toured city centre. After that we had free time.	I was put in a group with 1 Spanish and 3 Romanians students. We all went together on the tour of the city.
16.10.2012	After breakfast we went to school to work on our projects from 9:00 to 12:00. We all started working immediately. On the first day after a rough start we managed to connect all the wires of the conveyor station and PLC. We started working on programming the PLC. With ease we managed to make the conveyor station run in both ways by pressing specific buttons.	Working with other people in my team and communicating in English.



We went to lunch at the school which was prepared by Spectrum students. At 13:00 pm school bus started driving us to the Audi factory.

We saw what is the process of making Audi cars and how far the automatization of production has developed over the years. Robots were working with a precision of a millimeter. Unfortunately we couldn't take pictures.

We were there until 17:00 when we went back to the Hostel and had the rest of the day for relaxing.

17.10.2012


This time we went to school a little earlier and worked on our project from 8-11 am. We finished programming the Conveyor station.

If you placed a metal plate on the start of the conveyor, optic sensor would register it and the conveyor would start running. Because it's a metal plate, the inductive sensor would get the signal and trigger the solenoid that would deflect the metal plate off the conveyor. If you placed a plastic plate the inductive sensor wouldn't register it and the plate would go through without being deflected. Because we had done the whole project one day sooner, our mentor gave us an extra task where we had to deal with different problems (2 metal plates to close to each other etc.)



After lunch we visited Brugge and Chocolate museum.

Discussing about the projects with other students and sightseeing Brugge.

	<p>Around 17:00 we were on a train back to Antwerp.</p>	
18.10.2012	<p>We finished our project and I started visiting other groups to see how they are progressing. We managed to solve our problem so when two metal plates were too close to each other, the inductive sensor would register it and change the direction of the conveyor so that one metal plate would fall off and the other one would continue its normal route.</p> <p>After lunch we visited company ABB and toured the factory. At 16:00 we went back to Antwerp.</p>	<p>Our group worked great together. Everyone was communicating well. I talked to some other groups to see what they were doing.</p>
19.10.2012	<p>We prepared our presentation of the project and gathered in the main room. My group was first to give a presentation. Other students weren't good at English so I had to do the presentation all by myself. It went better than I expected.</p>  <p>After listening to all 4 presentations we went to pomphuis to have a cup of coffee and then boarded onto a boat in Antwerp harbour. After the tour of the harbour we went back to our rooms and had a free evening.</p>	<p>Presenting with my group. Talking about other groups projects.</p>
20.10.2012	<p>In the morning after breakfast we visited MAS museum. We went back to have lunch and make a plan for tomorrow. In the evening we all went out to several clubs.</p>	<p>Visiting museum with Spanish students.</p>
21.10.2012	<p>We packed our stuff and after breakfast we left the Hostel. We took a train to Brussels and visited Atomium and Mini Europe. After lunch we boarded into our plane and arrived in Zagreb around 21:00.</p>	
EVALUATION, COMMENTS , REMARKS, RECOMENDATIONS	<p>This project was very interesting. I learned a lot about working with other people who I just met and about the project in general. Especially about working with PLC and programming it. It was certainly very educating and I would recommend it to everyone.</p>	