~ Train Management System ~

Fliers

Alp Afyonluoğlu & Ali Emir Güzey

& Erkin Aydın & Cengizhan Terzioğlu

Criteria	TA/Grader	Instructor
Presentation		
Overall		

Reflections
(version 1.0)
4 May 2021

1.   Hardships We Faced

Probably the biggest challenge we faced was that we knew too little about databases and servers in general. For example, to store the data of Companies and Customers, we had to use them properly but such things were not even mentioned in lectures. We had to figure them out ourselves.

One of the biggest problems we encountered was to determine how the model classes would be related to each other. Especially Tickets class was a problem. It was obvious that it had an essential role in our system design but we couldn't make it properly fit into the system at first.

Last but not the least, lack of time was literally a timed-bomb. We had to rush at many points of our project. Especially when it came to fixing errors and how activity classes would work and stay synchronized with the server, we can safely say that if we had more time, we could prevent and fix such problems.

2.   What Did We Learn Throughout This Project?

Even though we complained, and continue to complain, a lot about the lack of time to test our Train Management System, the existence of it taught us what kind of problems we will face when there is a time limit on the project we work on in the field.

One other thing that we figured out is that we shouldn't fully trust, or only stick, to our current course topics and always try to learn new ways and concepts that might be helpful to us, even though they are not even mentioned in the course book or in lectures. As we saw with the necessity of a database on our project, going beyond the curriculum is necessary.

We also learned to work and take action as a group. Where one of us failed, which undoubtedly happened quite frequently, other one was able to solve the problem. With such failures and constant communication with our group members, we learned how to benefit from being a group.

We also learned how to use Git and GitHub. It was an important technology we have used since it made the process of reviewing and uploading the codes smooth.

3. Overall Comments

With all the problems we faced and new concepts we handled, we can safely say that this project made us practice nearly everything we saw on this course and pushed us to learn and strive about concepts we have never encountered. Whether it is a communication problem or a code issue, we learned how to overcome problems that arises in a programmer's job.