

CENG 492 PROGRESS REPORT – 3

Group Name: iTeam4

Group Members:

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Project Name: Online National Election Voting System

In this document the weekly activities done by the iTeam4 for the senior project are described and the progress of the project is stated.

Mehmet Barış Özkan

Main mission of this week was improving the user interfaces for the election mode for better perspective view.

In order to prepare more user friendly interfaces we have to know Cascading Style Sheet (CSS) [1] technologies. Since we have not familiar with the CSS this week mostly passed with learning the CSS. And we have finished the improvements of the some pages by using the CSS. In order to prepare the *sandık_giris* and *secmen_giris* pages a “login.css” file is prepared and used in the html pages.

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Seçmen Kimlik Numarası:	<input type="text"/>
Şifre:	<input type="password"/>
Güvenlik Kodu:	<input type="text"/>
<input type="button" value="GİRİŞ"/>	

(figure 1 – initial secmen_giris page)

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Seçmen Kimlik Numarası

Şifre

Güvenlik Kodu

Giriş

(figure 2- the improved secmen_giris page by using Cascading Style Sheet)

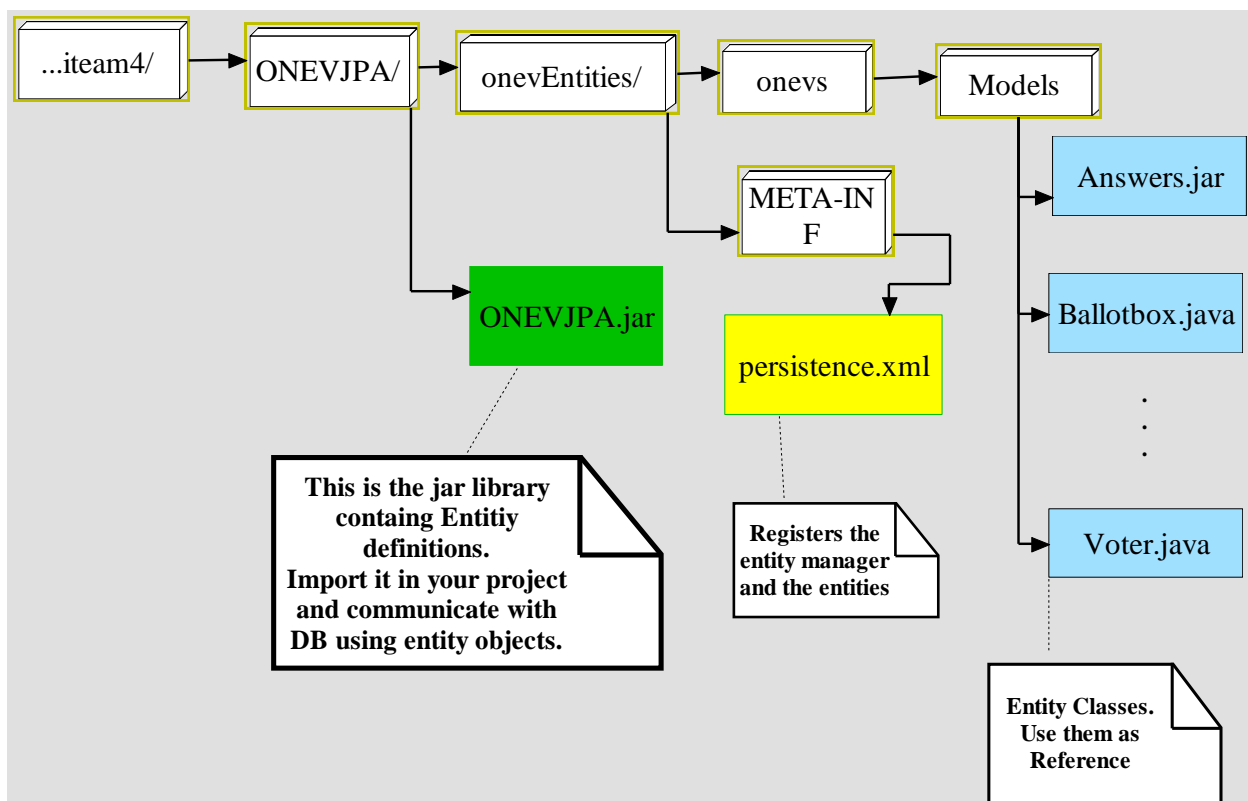
Emilbek Joldoshev

We have started using svn repository of our department prepared for us. We put the project there. Election part of the project is there now.

This week, we have developed the project a bit more. More specifically, we have done user authentication and authorization in Controller part. Hassan is dealing with database connection part. He is preparing Models for us, which are the object representation of tables. When he finishes we will integrate to system. We plan to do it next week. We have not started “Voting Part” of the system. Because, time was not sufficient for it. There are so many new technologies and we are using them after learned. So, we are going a bit slower. We hope we will implement faster next weeks.

Hassan Salehe Matar

We mapped the database tables using Java Persistence API[2]. This involves creation of an entity manager and the Entity tables. Entity tables are annotated Java classes presenting the tables and their constraints to the programming environment. The mapping approach simplifies implementation because database tables and rows are treated like Java objects. Moreover, querying becomes easier since data access is no longer achieved using the imperative SQL syntax. Any developer of our team will be able to use the mapped classes and the entity by adding the ONEVSJPA.jar library which we created. The directory structure on how to reach and access this library through SVN is shown in the diagram below. The file persistence.xml defines the configuration of the entity manager and it registers the entities to the manager. The (un-compiled) java classes are found under the directory named "Models".



(figure 3- the directory structure of the JPA database entities in SVN to simplify imports in our projects)

Huseyin Lutin

*Will send his report himself.

REFERENCES

[1] <http://www.w3schools.com/css3/default.asp>

[2] <http://www.oracle.com/technetwork/articles/javaee/jpa-137156.html>

TEAMS ACTIVITIES REPORT:

Configuration Management: Completed

A visit to HAVELSAN : No yet Achieved