CENG 492 PROGRESS REPORT – 6

Group Name: iTeam4

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Project Name: Online National Election Voting System
Main mission of this week was the preparation of the interfaces related with the election results. After the election process finished the public may see the results from the normal interactive mode pages. There will be a main page with two alternatives about the results of general country and results of the cities.

If the user selects the city result options then a combo box will be opened with the lists of the cities on the same page and user will select one of them.

After selecting the option then the result page will be shown with parties, their total votes, percentages and total number of deputies.
At the end of this page there will be a pie chart which is constructed by the values of percentages. In order to construct the pie chart JavaScript is used with a web free tool. [1]
2.

This week we finalized to voter control activities of the Station supervisor. The following scenarios are controlled and well handled:

a) TCK of a voter is entered into to the Station supervisor (SS) page.

i. If SS does not specify the voting option of the voter the system gives a warning and it does not process the check-in.

ii. If voter selects to vote online then the system firstly it checks (from the database) if the vote is registered to vote. Then, it checks if they are registered to vote online. Lastly, it checks if they have not voted before. If these three conditions are satisfied the vote is marked to vote online. Otherwise, an appropriate warning message is issued and no processing is made regarding that voter.

iii. If voter selects to vote offline. The system checks (from the database) if the voter is registered to vote. Then, it checks if they have voted or not. Then it marks the voter as voted offline and then it generates the hash code (this is not yet implemented).

Additionally, this week we automated the process of announcing the results of the collected votes at the poll station. The results to be displayed are collected from the database and mapped automatically into the jsp page and presented to the user.

LINKS

* svn+ssh://e1591114@external.ceng.metu.edu.tr/depo/svn/490.2010/iteam4/ONEVSWEB/src/onevs/election/ElectionOptions.java

* svn+ssh://e1591114@external.ceng.metu.edu.tr/depo/svn/490.2010/iteam4/ONEVSWEB/src/onevs/election/pollResults.java

*svn+ssh://e1591114@external.ceng.metu.edu.tr/depo/svn/490.2010/iteam4/ONEVSWEB/WebContent/pollresults.jsp

[1]- http://www.gheos.net/js/pie/