

SHORT DESCRIPTION FOR OF THE SETUP OF THE SYSTEM

This is a short description how you can setup the system to run our developed software ElectionTool. In this description we won't mention specific version numbers of any used software because our software should also work on some older versions. If you want to know which versions we used for development you can look them up in the requirements specification (technological realization aspects).

1. Setup a VirtualMachine running Windows Server 2012 R2 as operating system. Do not forget to enable all required .NET features needed for hosting a C# web application.
2. Create a new database named ElectionDB with SQL Server
3. Run the script CreateTable.sql located in the folder SQL-Scripts to create all necessary tables
4. Import the data using an excel file named ElectionDB-Data.xlsx located in the folder DataImport. This file contains a worksheet for every table. You can import data for a specific table by opening the excel file and copying the data. After that you can open Microsoft SQL Server Management Studio and right-click the corresponding table and choose Edit first 200 rows and paste the data into the table. Please note that you can of course add more than 200 rows at one time.
5. Run the script CreateViews.sql also located in the folder SQL-Scripts **two times** to create all needed views
6. If you want to use the voting you have to run the script AddDataForElection2017.sql (located in the folder SQL-Scripts). This is needed to add the relevant data for the election 2017 because you can only vote for this election. For this purpose the data from 2013 is used.
7. Create and start a new website using the Microsoft IIS Manager. Please do not forget to make sure that the website will have at least read and write rights to the database.
8. Copy the content of the folder ElectionTool (containing a folder called App_Data, App_Start and more) into the created folder in 6. that hosts the website
9. Open the website in your browser and enjoy our ElectionTool

If you have problems or any questions please contact us.