SPECIFICS

This is a description of specific features included in our developed web application.

CONFIGURATION

It is possible to add some customized configurations to our web application. These key-value-pairs can be added to the section appSettings and will be shortly described below.

1. SeeAllExceptions:
   If this option is enabled a user will see every exception that occurs. This should only be enabled in development because real users are not intended to see a detailed private exception. If this option is disabled a private exception is shown as a general error.
2. SeeStackTrace:
   If this option is enabled a user will also see the stack trace of an exception. Again this should only be enabled in development because real users are not intended to see the stack trace of an exception.
3. CustomCaching:
   This option can be enabled to cache the result of longer queries (seats distribution, parliament members and Überhangmandate) in order to reach a shorter loading time for these websites. Since the result of these queries do not change this option can be enabled without any trouble if there is no active election.

TOKEN

A token is needed to vote. You can generate token for a certain election and Wahlkreis on the designated webpage. This page should be self-explanatory but the password "ichdarfdasschon" (without quotation marks) is needed. One token can only be used once for voting and if somebody tries to reuse a token an error is shown.
Please be aware that it is possible that a new generated token can't be used for voting because it was already used for a previous vote. This is very unlikely to happen and can only occur if the server was restarted in the past. Another case that can happen is that there are no more token that were not used earlier but this should be no problem since 2^{31} different token can be created for each election and Wahlkreis. As a last resort you can delete all used token in the table UsedToken.