

Program Design

The web application was made to enter the information of new members of parliament. The user would enter the relevant data and have it validated in the javascript using regular expressions. Then after all of this data passes validation in the javascript the data will be sent off to the php file where it will be validated even further and then stored into the database after the file is connected to the database using PDO. After the information has been stored in the database a table will appear with the information of all the representatives that are in the database.

Design trade-offs were that the php was used to generate the table in the same file that is used to store the data. If these pages could be separated out then the future maintainability of the application would be a lot easier and cleaner.

Description of Tests

Tests that were done were repeated testing of the data being entered and seeing if the table that was generated would match the info stored.