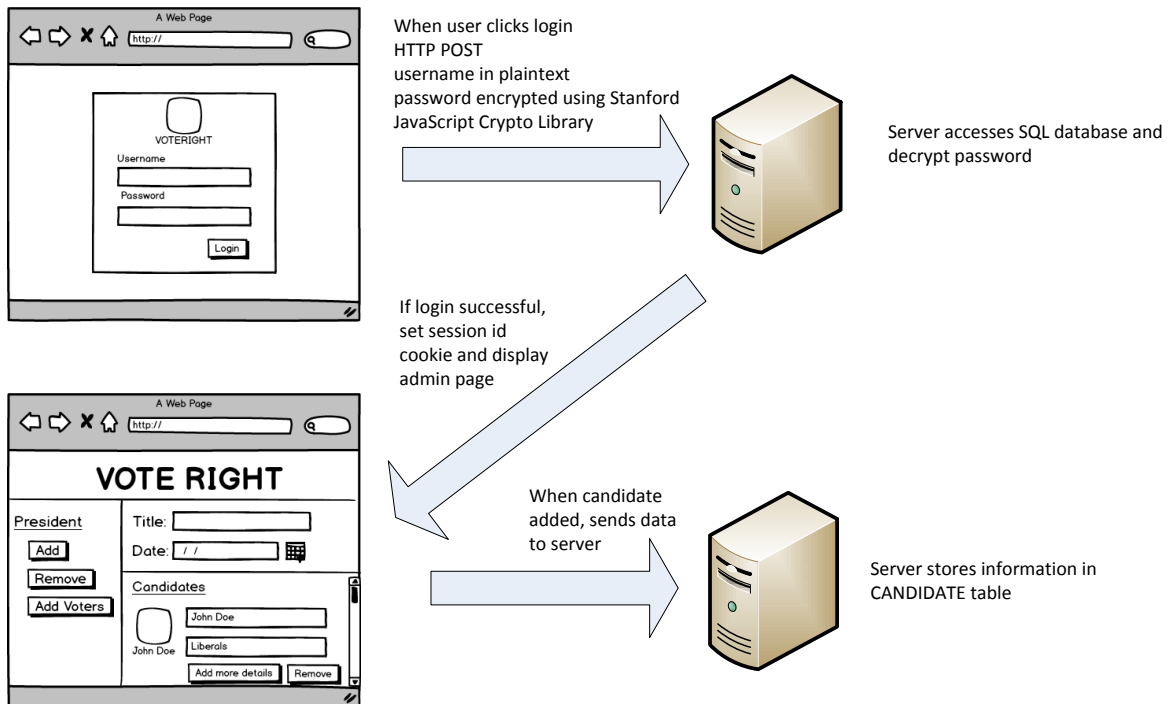
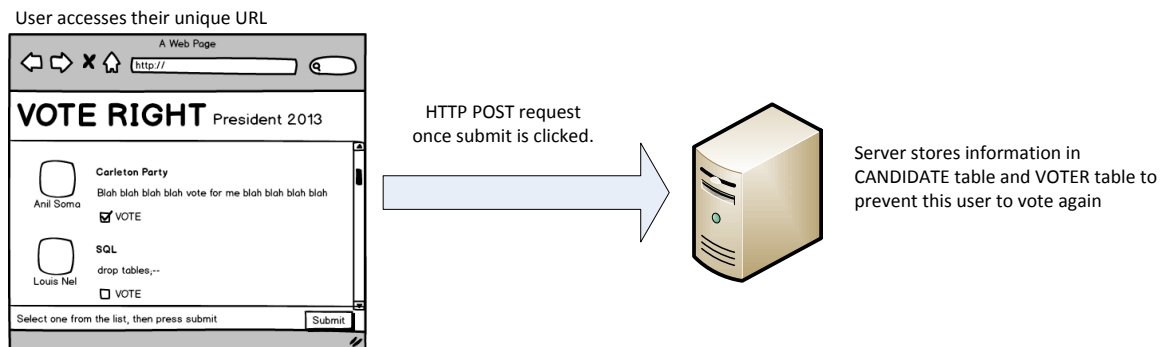


“Architecture” diagram

We were unsure of the meaning of “Architecture diagram”; therefore we included the following diagram that shows the type of communication that would occur in our web application and some early user interface mock-ups.



User vote process



External library use

The final list of external library use has not been determined. The libraries listed below are tentative and subject to, and will probably, change throughout the development process.

Stanford JavaScript Crypto Library

<http://crypto.stanford.edu/sjcl/>

This library will be used to implement secure login for administrators, voting, and vote session integrity.

jQuery

<http://jquery.com/>

This library will be used to implement any dynamic content that may be used in this web application.

Example: Adding a new candidate in the administration interface.

jQuery-UI

<http://jqueryui.com/>

This library will be used to easily implement features such as date pickers and fancy transition effects – the current vote process is boring, why not make things fade and slide in?

jQuery-Validate

<http://docs.jquery.com/Plugins/Validation>

This library will be used to ensure that voters vote correctly. Ballots can be invalidated in this web application – but not by accident.

Bootstrap

<http://twitter.github.com/bootstrap/>

This library will be used to make the interface all shiny and pretty with minimal effort (Note that jQuery-UI handles shiny animations with minimal effort).