

Overview

Proposed tools for each process:

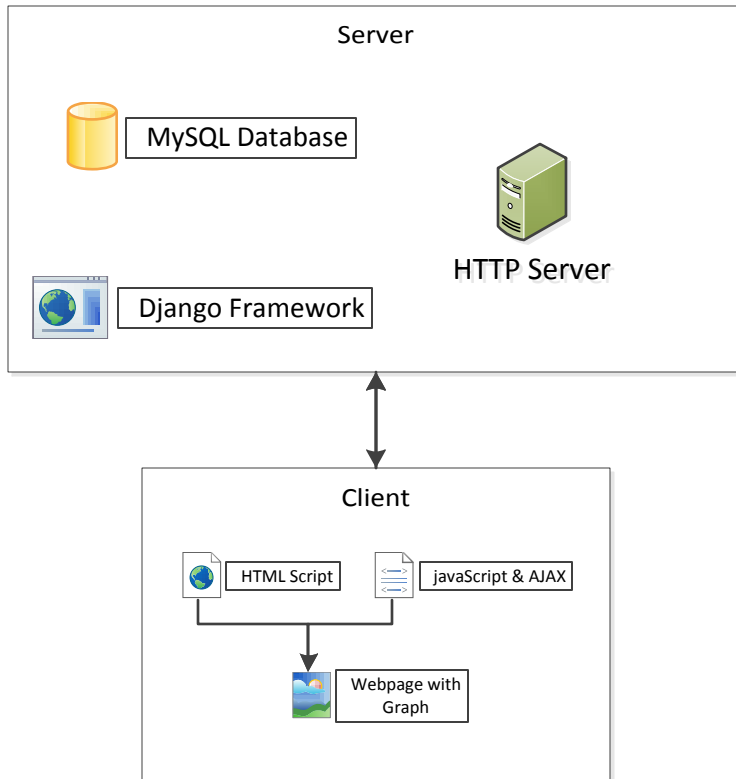
Remote Server -> houses MySQL/sqlite3 database and http server = WAMP
Server -> uses Apache HTTP server and MySQL or sqlite3 database

Web Application Framework -> used to retrieve and serialize the data = Django
-> using XSLT as a substitute template engine

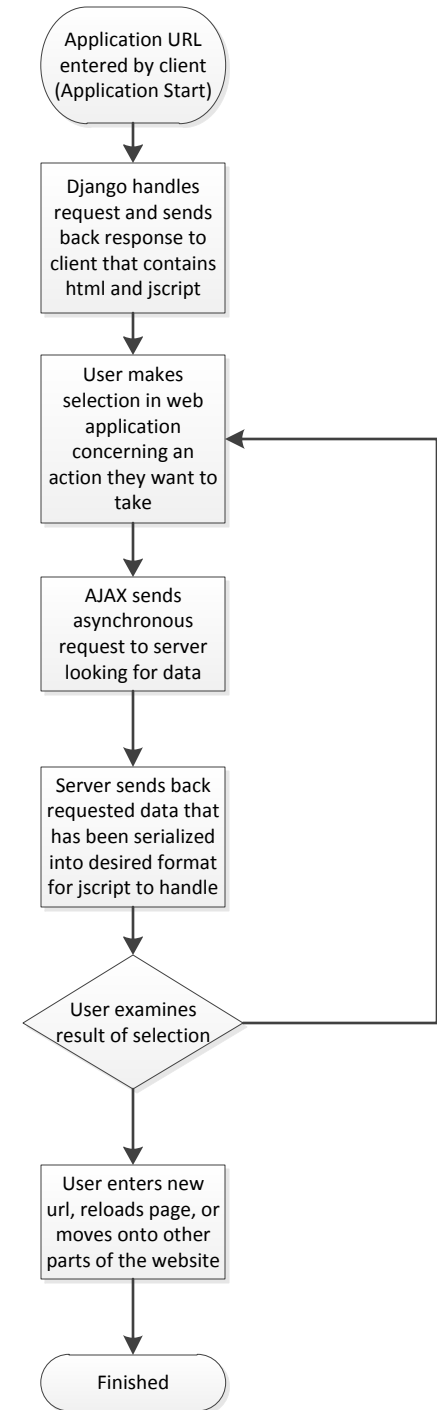
Front End Templates -> used to generate standardized format of data = Bootstrap
or other open source dashboard templates

Dynamic Front End Functionality -> makes web page dynamic instead of static
data display = Ajax, JQuery, Flotjs, JSON -> uses ajax/jquery to request
data (serialized as JSON) and displays the data in graphs using Flotjs

Application Parts & Arrangement



Application Process Flow



Data Flow for AJAX Request

