3 system architecture

The City Smart Guys have chosen to use a N-tier software architecture as part of the Django software. Django uses a high-level 3-tier architecture “Client-Server” Architecture, where all the modules, such as logic data access, computer data storage and user interface are all separate and independent. This allows the software to be changed one part at a time, and if something was to go wrong, it can be easily fixed without the rest of the system crashing with it.

The overview of the system is that the client side will be access through a web browser. The middleware side of the system is the Django application. It has a built in development webserver which will allow the client to be able to access the files during the creation of the website. The database API is done through SQLite 3 and the search API is done through Bing Search.