The logical diagram chosen for the architecture pattern for the smart city project is the Two-tier web-based architecture. This diagram is shown below.

Web hosting server

User browser

Database

Web server

Application server

This was the most appropriate architecture pattern for the smart city project as the web server and the application server are combined in Django. It has the user interface browser and the database at the back which it pulls all its information from. It was perfect for this project as it is simple and can be effectively used for small projects like the smart city project.

The physical diagram two tier architecture pattern:

Database table 1

User interface 1 (admin)

Web hosting server

Database table 2

User interface 2

(Student)

Database

Application server

Web server

Database table 3

User interface 3

(businessman)

User interface 4

(Tourist)

The Logical and Physical diagrams of the architecture pattern was used during the developing phase of the smart city project. It determined the architecture pattern that was to be used in the smart city project. It determined the how the webpage operated and how many user interfaces were needed in the project.