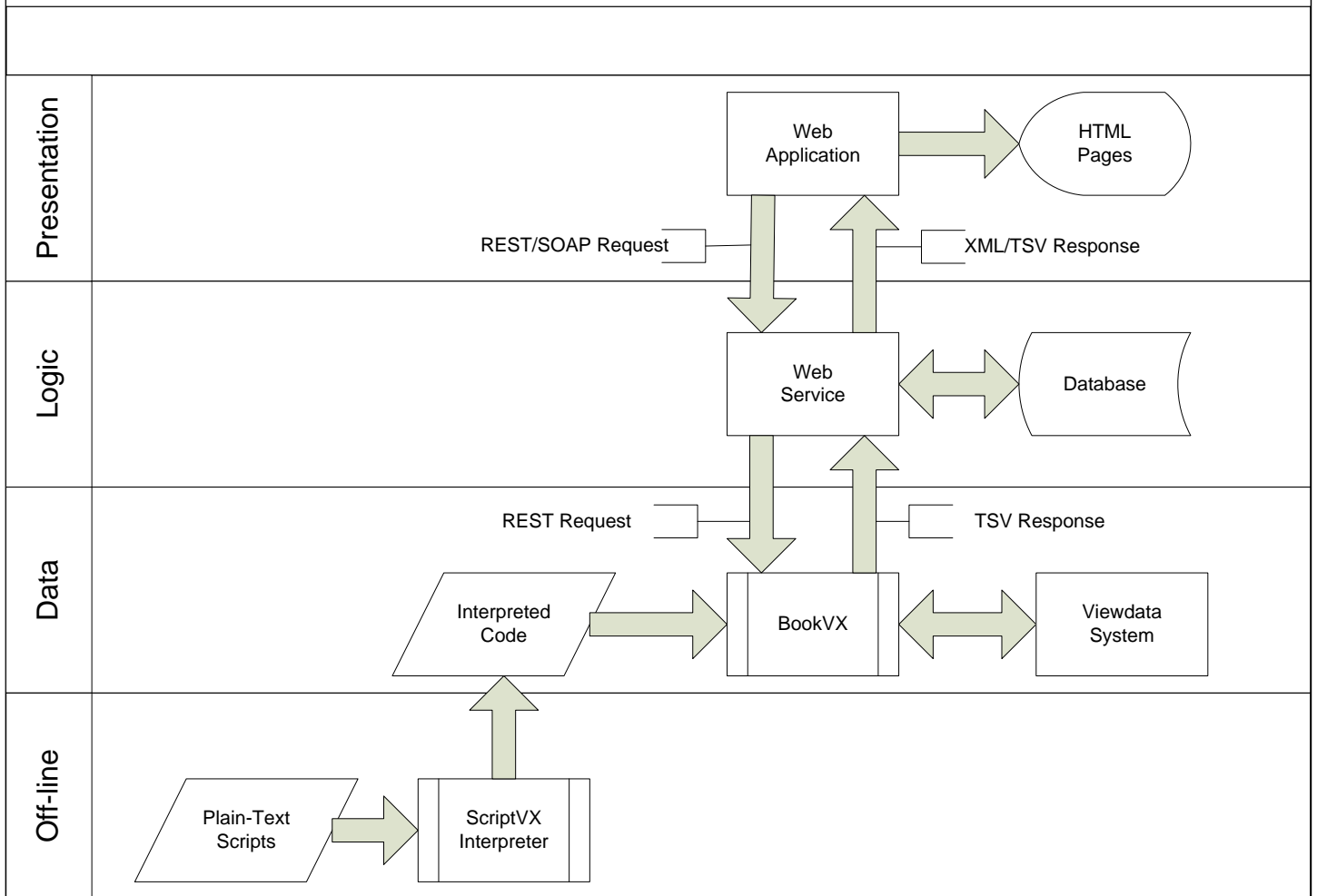


Website Solution using BookVX



There are three logical components in the solution:

- 1) Web Application. This handles the website display, user input and navigation, makes requests of the Web Service and displays the results obtained.
- 2) Web Service. This is the middleware that receives requests from the Web Application, makes corresponding requests of BookVX and accumulates/filters/sorts/formats its 'raw' results for return to the Web Application.
- 3) BookVX. This background service receives requests from the Web Service, 'drives' the viewdata system, extracts screen data and returns it to the Web Service. BookVX works from code prepared off-line by the ScriptVX interpreter from a script or scripts written specifically for the associated viewdata system.

Although BookVX will be aware – via the scripts – how to navigate through the viewdata system and how to extract the requested raw screen data, it will be the responsibility of the Web Service to make the requests and to assemble the data in a way that is most useful and meaningful to the website user. This may involve making several requests of BookVX for each request received from the Web Application and using a database to accumulate/sort interim results. For example, the way a viewdata system is structured may make it impossible to display holiday costs in the initial results without 'drilling down' through all possible holidays/flights/accommodation combinations in order to extract the relevant information.