Server

Custom Raster Background with Blank Basemap (GeoTIFF or MBTiles)

Town Boundaries color-coded by Category (load by GeoJSON)

Town Points by Historic Period (pattern and shade) (load by GeoJSON)

Popups and Tooltips (try to get them to work)

Elements

* Layer Selector
* Value Selectors/Legend (Category or Time Period)
* Measurement Tool
* Time Slider Widget
* Search (for town)
* Cards (button popup) – html

Techniques

ForEach (versus for let i in array)

Set up Styles for Time Categories

Plugins

GeoRasterLayer (<https://github.com/geotiff/georaster-layer-for-leaflet>): Display small and large GeoTIFF files with configurable resolution.

Leaflet.TileLayer.MBTiles (<https://gitlab.com/IvanSanchez/Leaflet.TileLayer.MBTiles>): Loads .mbtiles tilesets.

HTML Legend (<https://github.com/consbio/Leaflet.HtmlLegend>): A simple Leaflet plugin for creating legends with HTML.

Leaflet Grouped Layer Control (<https://github.com/ismyrnow/leaflet-groupedlayercontrol>): Leaflet layer control with support for grouping overlays together. Also supports making groups exclusive (radio instead of checkbox).

Leaflet Timeline Control (<https://github.com/zimmicz/Leaflet-Timeline-Control>)

Leaflet Time-Slider (<https://github.com/dwilhelm89/LeafletSlider>): dynamically add and remove Markers on a map by using a JQuery UI slider

Leaflet Tag Filter Button (<https://github.com/maydemirx/leaflet-tag-filter-button>)

Leaflet.AnimatedSearchBox (<https://github.com/luka1199/Leaflet.AnimatedSearchBox>)

Leaflet.FileLayer (<https://github.com/makinacorpus/Leaflet.FileLayer>): loads files locally

Leaflet Geopackage: (<https://github.com/ngageoint/leaflet-geopackage>)