Features

Introduction page

* Produce basic page
* Visualization static map screenshot in the background
* Add high-level KPIs / counters
* Animate high-level KPIs / counters

Map and timeline

* Find a suitable Ukraine geojson/topojson
* Create a basic Ukraine map visualization
* Find the latitude and longitude to associate with each region and city
* Display IED events as color-encoded dots on the map
* Merge data sets about regions information
* Implement map-shaped buttons to allow the user to select a specific overlay for the map (population, education …)
* Color map regions according to the user selection
* Create a IDE timeline visualization and use that to brush the main map
* Create a total IED events over time bar chart that will also act as a filter for the map
* Add IED events tooltips with more information about the event
* Add region tooltips with more information about the region
* Insert mini version of the secondary visualizations
* Prepare and create a text visualization to help with the guided navigation

Text analysis

* Parse text
* Display a word network
* Add a details view with samples of text with the selected word
* Create the log timeline

Snaky Analysis

* Produce a Sankey diagram with the IED events data
* Produce additional Sankey diagrams showing other relations within the data

Storytelling

* Produce the overall webpage layout frame
* Decide on a guided exploration flow

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Viz Component | Feature | Apr 11  Final Design | Apr 18  Project V1 | Apr 25  Project V2 | May 2  Final Project | Must Have |
| Introduction Page | * Produce basic page |  |  | x |  | Yes |
|  | * Visualization static map screenshot in the background |  |  | x |  | No |
|  | * Add high-level KPIs / counters |  |  | x |  | Yes |
|  | * Animate high-level KPIs / counters |  |  | x |  | No |
| Map and timeline | * Find a suitable Ukraine geojson/topojson | x |  |  |  | Yes |
|  | * Create a basic Ukraine map visualization | x |  |  |  | Yes |
|  | * Find the latitude and longitude to associate with each region and city | x |  |  |  | Yes |
|  | * Display IED events as color-encoded dots on the map |  | x |  |  | Yes |
|  | * Merge data sets about regions information |  | x |  |  | Yes |
|  | * Implement map-shaped buttons to allow the user to select a specific overlay for the map (population, education …) |  | x |  |  | Yes |
|  | * Color map regions according to the user selection |  | x |  |  | Yes |
|  | * Create a IDE timeline visualization and use that to brush the main map |  |  | x |  | Yes |
|  | * Create a total IED events over time bar chart that will also act as a filter for the map |  |  | x |  | No |
|  | * Add IED events tooltips with more information about the event |  | x |  |  | Yes |
|  | * Add region tooltips with more information about the region |  |  | x |  | No |
|  | * Insert mini version of the secondary visualizations |  | x |  |  | Yes |
|  | * Prepare and create a text visualization to help with the guided navigation |  |  |  | x | No |
| Text analysis | * Parse text | x |  |  |  | Yes |
|  | * Display a word network |  | x |  |  | Yes |
|  | * Add a details view with samples of text with the selected word |  | x |  |  | No |
|  | * Create the log timeline |  | x |  |  | No |
| Snakey Analysis | * Produce a Sankey diagram with the IED events data |  | x |  |  | Yes |
|  | * Produce additional Sankey diagrams showing other relations within the data |  |  | x |  | No |
| Storytelling | * Produce the overall webpage layout frame | x |  |  |  | Yes |
|  | * Decide on a guided exploration flow | x |  |  |  | Yes |