Project Approval Request

(UCFLM201809DATA2)

**Project #2: Visualize Me Captain!**

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| **Project Name** | Are All Citizens Created Equal? |
| **Team Name** | Team 1.38 |
| **Team Members** | (*Alphabetical order by first name*)  Bay Rodriguez Chris Tran  Emil Rodulfo  Nichelle Nesbitt  Tim Besaw |
| **Project Background** | The electoral college was created in the US for a couple of reasons. The first purpose was to create a buffer between population and the selection of a President. The second as part of the structure of the government that gave extra power to the smaller states. (<https://www.historycentral.com/elections/Electoralcollgewhy.html>)  Consequently, although individuals vote during the elections, the American popular vote is not a direct factor when it comes to the elected U.S. President and Vice President. |
| **Project Objective** | To tell a story, through data visualizations, regarding voter influence in the U.S elections. Our focus will include the variance in weighted votes from different states and the impact they carry in presidential elections due to the electoral college process. |
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| **Project Requirements** | |
| **Visualization** | Inclusion of a **Python Flask** powered RESTful API, **HTML/CSS**, **JavaScript**, and at least one **database** (MySQL, MongoDB, SQLite, etc.) |
| **Project Category** | Project will fall into at least one of the four tracks:   * + A custom "creative" D3.js project (i.e. non-standard graph or chart)   + A combination of Web Scraping and Leaflet or Plotly   + A dashboard page with multiple charts all updating from the same data   + A "thick" server that performs multiple manipulations on data in a database prior to visualization (must be approved)   Final visualization should ideally include at least **three views** |
| **Java Script Library** | Project will include at least one JS Library not covered in class |
| **Data Set** | Project will include at least 100 records |
| **User Driven Interaction** | Project will include some level of **user-driven interaction** (e.g. menus, dropdowns, textboxes, etc.) |