

GUI REVIEW PREPARATION

CSE416 – Section 3

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Expectations

- Show an understanding of overall requirements of project
- Demonstrate knowledge of project background and reading of FRA
- Show logical flow of GUI from a user's perspective
- Integrate project background material into GUI
- Real data (e.g., results of ensemble analysis) not required
- Demonstrate basics of GUI design

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GUI Review

- 15-minute Zoom review (a few teams reviewed in class)
 - Grade based on
 - Depth of requirements review (show you analyzed project)
 - Usability of the interface (user-based logic)
 - Quality of the interface (e.g., color choice, layout, readability, etc.)
 - Depth of implementation (e.g., real data, use of client APIs, etc.)
 - Time slots will be published in class Web site next week
 - Request a time slot with an email to me
 - Provide alternate time slots
- Reviews expected during week of 10/1

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Suggested GUI Review Items

- State selection
 - Map of state
 - Current district plan for each state (e.g., 2022) with option for current distribution of demographic data and incumbent political party
 - Text mentioning district drawing process (e.g., independent commission)
 - Tabs to show separation of GUI functions
 - Menu items consistent with scenarios
 - Options for display of ensemble summary data
 - Options for MMD election prediction
 - Display of number of representatives in MMD map
 - Comparison of SMD with MMD
 - Tables to display summary data (filled with dummy data)
 - Graph placeholders (correct style of graph using a visualization API, but with dummy data)
- You will need to select your client visualization tool
- You can easily build an MMD map from current district plan

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Minority Groups

- For your analysis, calculations, and displays, use only the prominent minorities in each state
- Minimum threshold for a racial/ethnic group is enough population to elect at least one representative