Your required to implement a Graphical User Interface for the Storm Tracker application in the spirit of Figure 1. This object shall issue commands to the Storm Tracker object and shall display responses received from the application.
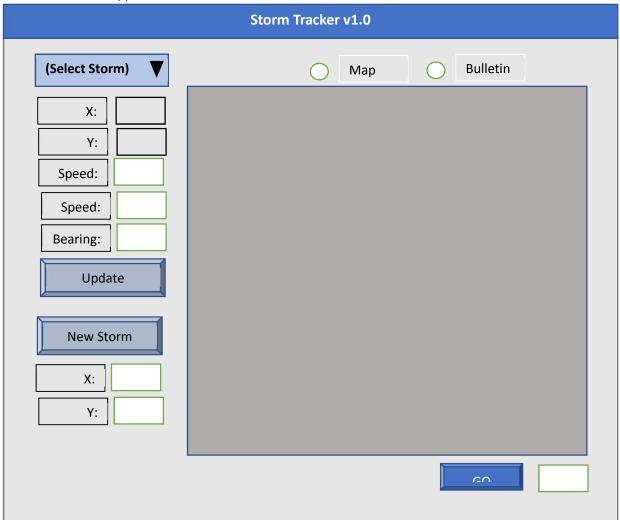

Figure 1: A Graphical User Interface for the Storm Tracker

Specific guidelines for the GUI include:

- The large grey area at the centre of the form is where information is displayed.
- Radio Buttons at the top of the form are used to set the mode of display. If "Bulletins" is selected than the display area shall show the current bulletin and any alerts. If "Map" is displayed then a map of the region showing countries and all active storms.

- The New Storm button can be used to ask the application to create a new storm. The position of the new storm can be optionally set in the boxes below this button. If position is not specified the the system default approach is used.
- The combo box labelled "select storm is used to select a storm from the list of active storms.
- The data for the selected storm is displayed in the boxes below the combo box.
- The user cannot edit the position of the storm but can edit the storm's strength, speed, or bearing.
- When the user clicks on the Update button the data entered for strength, speed, and bearing are checked to ensure that the changes are sane. For example, it is hardly likely that a storm will make a 180 degrees change in bearing.
- The user can request that a number of ticks be run then Click on the Go button to run the ticks.
- After the run is completed, the display is updated.

That's it. Thank you.