Screen Design

The program uses the built in python module TKInter to create a GUI.
The GUI window serves as an input, where the output of the program is
displayed in the console hosting the script and the graph if selected.

Finished GUI

Genetic Algorithm Launcher   —   □   ✕

About   Help

Genetic Algorithm

- -

Goal text: [   ]   [?]

Option presets: [Realistic]   [Real/Quick]   [Rough]   [?]

Mutation chance (%):   [   ]   [?]

Population size: [   ]   [?]

Target population: [   ]   [?]

Generation limit: [   ]   [?]

☐ Mutate parents   [?]

Output presets: [Simple]   [Full]   [Graph Only]   [?]

Graph Style: [?]   ☐ Output basic statistics   [?]

⦿ No Graph   ☐ Output goal score   [?]

○ Default   ☐ Output all subjects   [?]

○ bmh

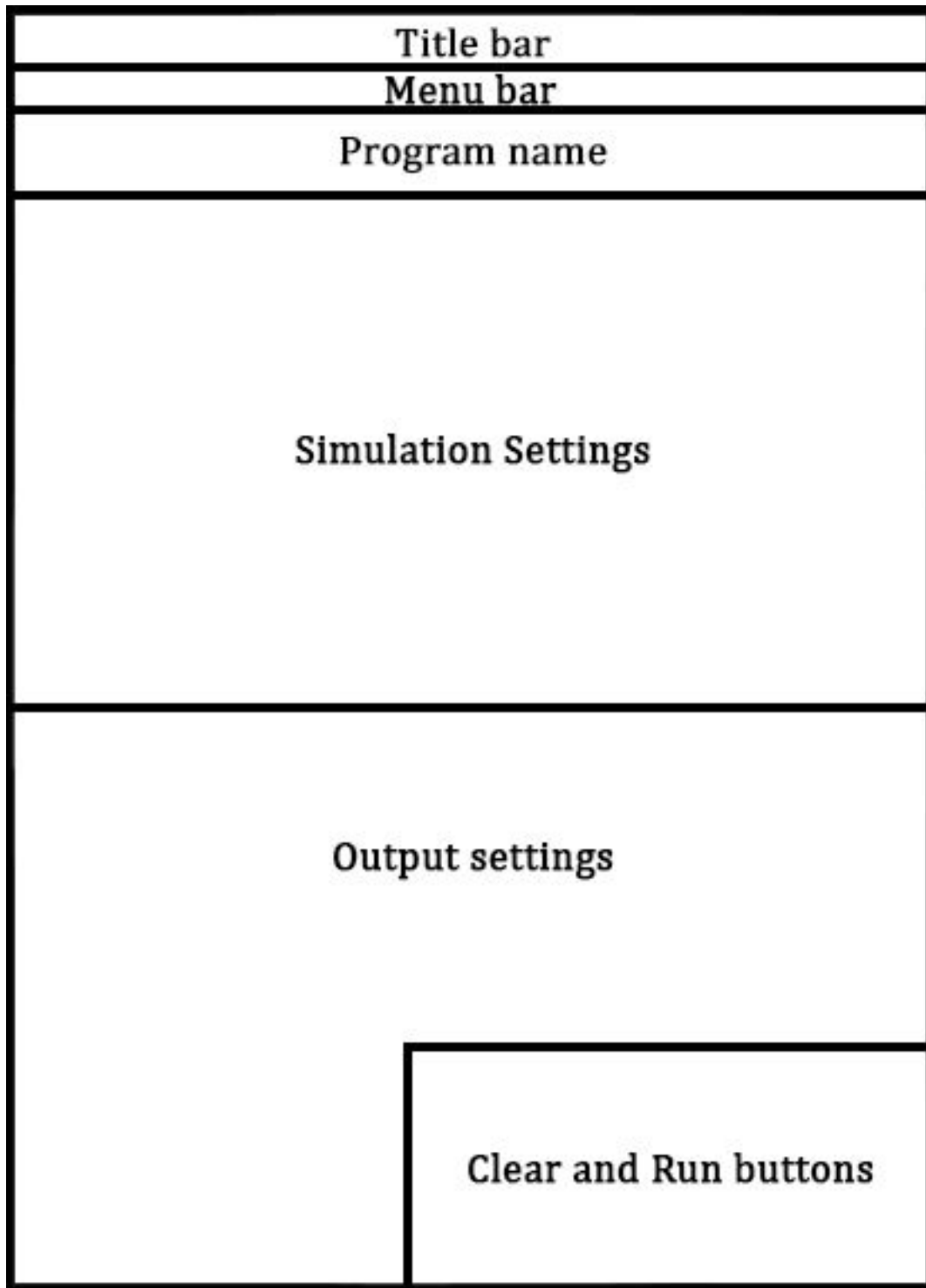○ Dark background

○ Five-thirty-eight   [Clear]

○ Ggplot   [Run]

○ Grayscale

Sectioned Structure

Title bar
Menu bar
Program name

Simulation Settings

Output settings

Clear and Run buttons

Widget Map