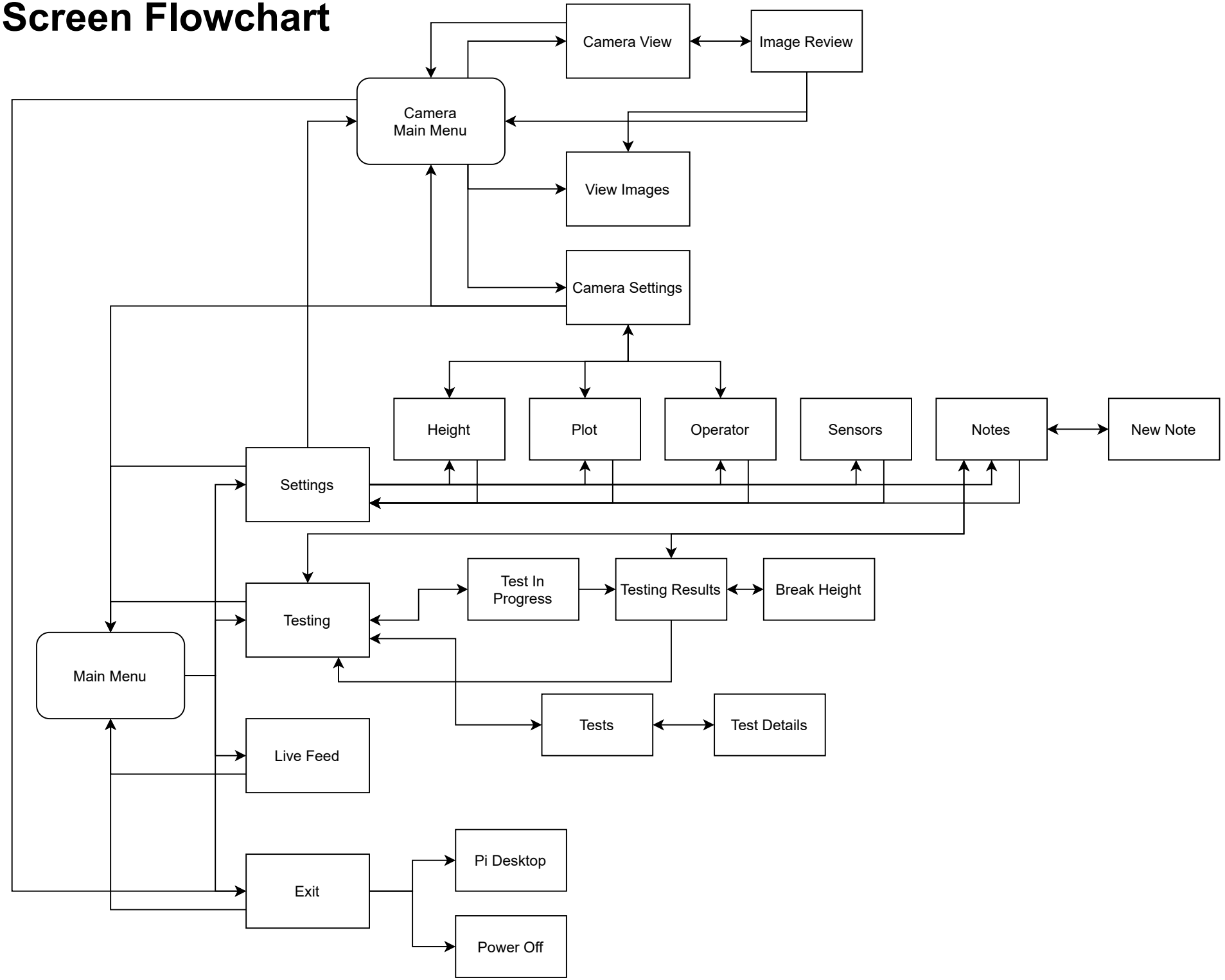
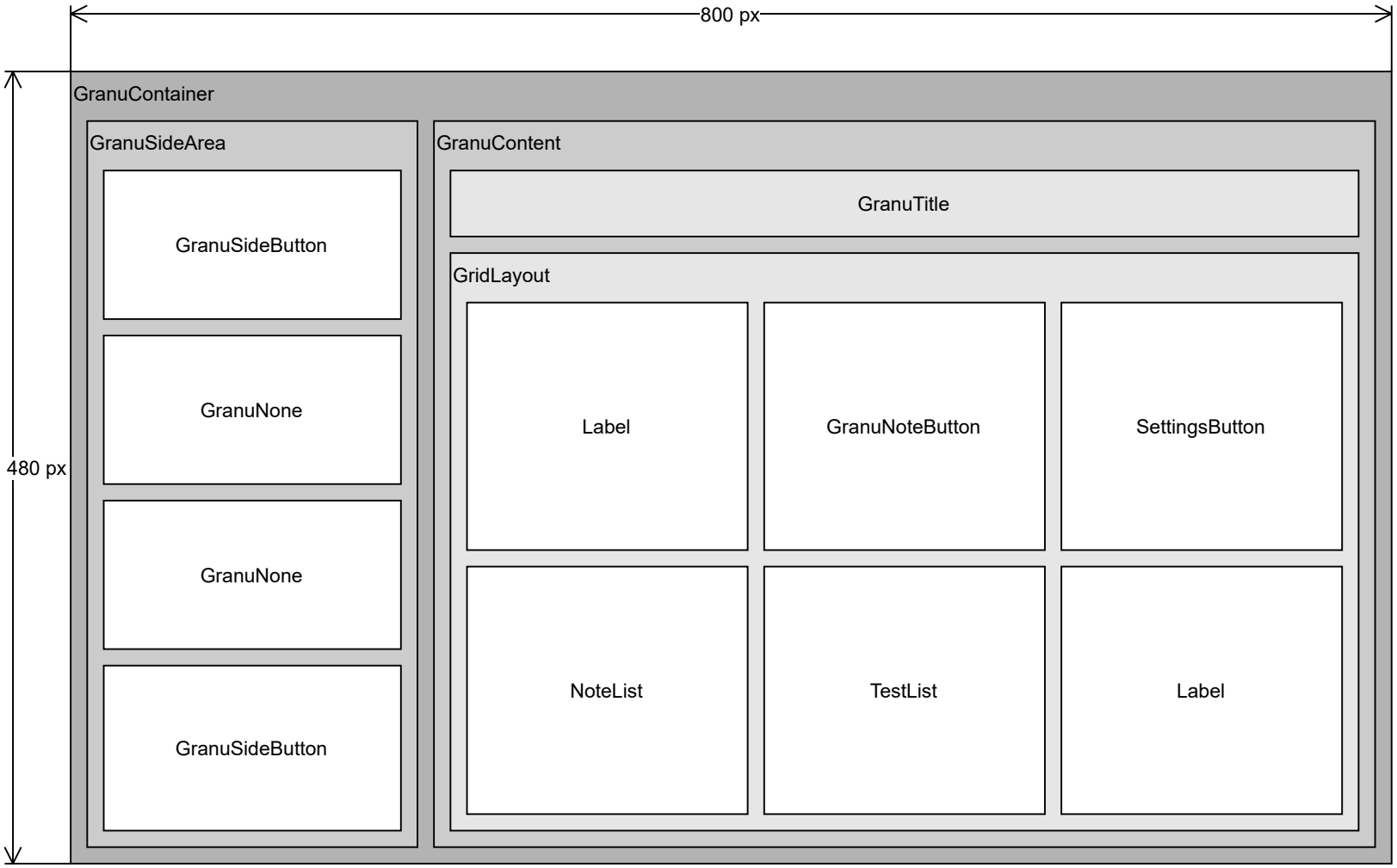
Screen Flowchart



Screen Elements Layout



GranuContainer: Kivy Box Layout where all elements are contained for each screen. This element MUST be used.
- GranuSideArea: Kivy Grid Layout where navigation buttons are stored. All Screens Use this Element.
  - GranuSideButton: Buttons contained in the SideArea, these buttons will often be used for navigating between screens or for toggling a setting.
  - GranuNone: Alternative to GranuSideButton, GranuNone is a widget occupies the space of a Button but no object is shown on the screen.
- GranuContent: Kivy Box Layout where the rest of the screen elements will be displayed.
  - GranuTitle: A Kivy Label with the formatting configured to display the Screen Title in a consistent manner. The text here will often match the filename.
  - GridLayout: Kivy element. The grid Layout is told how many rows and columns should be contained in each instance. The grid layout will help organize buttons and labels on the screen.
  - BoxLayout: Kivy element. Alternative to a GridLayout, where there will only be one row or column of objects. The orientation (horizontal or vertical) is set for each instance.
  - Label: Kivy Element. A label displays any text desired, formatting will need to be configured in each instance.
  - GranuNoteLabel: A Kivy Button configured to show testing notes in a consistent manner across the UX.
  - SettingsButton: A Kivy Button configured for showing settings options and toggling the settings.
  - NoteList: A Custom Object for displaying selectable lists used for notes. Uses custom method: SelectableRecycleBoxLayout.
  - TestList: Similar to NoteList, used for displaying Test Names. Also uses method: SelectableRecycleBoxLayout.

There are many more options for what to display in the GranuContent Box Layout, however most others will be declared in a screen's local kivy file and will be either a Button or Label with formatting unique to this instance of the element.