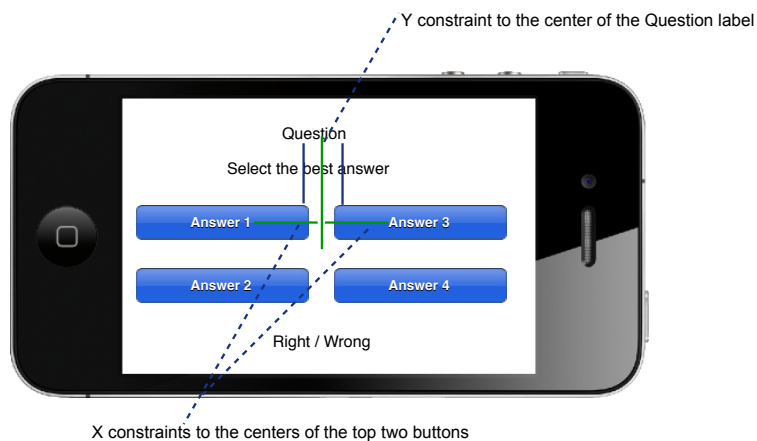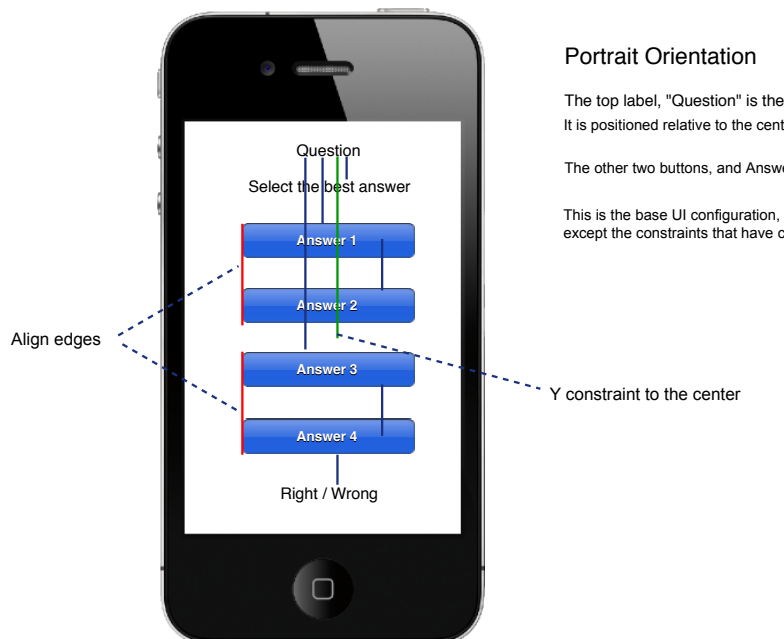# Example of creating a layout using two sets of size classes

GitHub repository: https://github.com/LCC-CIT/CS235IM-Demos/tree/master/VocabQuiz_SizeClasses

Portrait Orientation

The top label, "Question" is the anchor for the other controls
It is positioned relative to the center of the screen

The other two buttons, and Answer 1 and 2 are centered horizontally

This is the base UI configuration, it uses size classes wAnyhAny
except the constraints that have counterparts for landscape orientation, they are wRhR + wChR

Question

Select the best answer

Answer 1

Answer 2

Answer 3

Answer 4

Right / Wrong

Align edges

Y constraint to the center

Y constraint to the center of the Question label

Question

Select the best answer

Answer 1   Answer 3

Answer 2   Answer 4

Right / Wrong

X constraints to the centers of the top two buttons

Landscape Orientation

The top label, "Question" is the anchor for the other controls
The alighn center X contraint centers it horizontally on the screen
The align center Y contraint sets it a fixed distance above the center of the screen

The constraints shown above are the ones used in just the landscape size classes
These constraints use size classes wChC and wRhC. This corresponds to landscape orientation on all sizes of iPhones

By Brian Bird, spring 2018