

# ASU: SOW1 - Application Wireframes

## Version 2

VERSION 6

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### Wireframe 1:

This is largely what we concluded during the phone meeting. As you can see, it wasn't thought out 100%. We didn't gain any vertical space, and the slider is still awkward.

The wireframe shows a physics application interface. At the top is a menu bar with 'File', 'Edit', 'Preferences', 'Physics', 'SUBMIT', and 'Score'. Below the menu bar is a toolbar with icons for home, circle, rectangle, line, text, equals, and arrow. The main content area is divided into two sections. The left section contains a problem statement: 'A spherical ball with a mass of 2.00 kg rests in the notch shown below. If there is no friction between the ball and the walls, what is the magnitude of the force exerted on the ball by wall1?'. Below the problem statement is a free body diagram of a ball. The diagram shows the ball with forces  $F_g$  (gravity) and  $F_1$  (normal force on ball) acting on it. The walls are labeled 'wall1' and 'wall2' with angles of 30 deg and 50 deg respectively. To the right of the diagram are several text boxes: 'free body diagram', 'm=2 kg is mass of ball', 'Fg is force of gravity', 'F1 normal force on ball', and 'Fg\_y = -m\*g'. The right section contains a 'HELP' button and a text area with the following text: 'What is the first principle application that you would like to work on? Hint: The first principle application would usually be one that mentions the sought quantity explicitly. Therefore if an equation may contain the sought quantity that the problem seeks.' Below this text is an 'Explain Further' button. At the bottom right is a 'Help\_' button.

### Wireframe 2:

In this version, I ran with your idea that the help button simply needs to be set apart from the others. I moved the slider up into the menu bar.









