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| Functionality |  | Points |
| (an Undo button) | button 2.5% | 5 |
| (a Clear button) | button 2.5% | 5 |
| Selecting the shape to draw, a line, oval, or rectangle.( combo box) | combo box 3% | 6 |
| Specifying if the shape should be filled or unfilled.( checkbox ) | checkbox 2.5% | 5 |
| Specifying whether to paint using a gradient.(checkbox ) | checkbox 2.5% | 5 |
| Two JButtons that each show a JColorChooser dialog to allow the user to choose the first and second color in the gradient. | Two Jbuttons, each show a JColorChooser dialog 4% | 8 |
| Text field for entering the Stroke width.  Text field for entering the Stroke dash length.  Specifying whether to draw a dashed or solid line.( checkbox ) | TextField 2.5%  TextField 2.5%  checkbox 2.5% | 5  5  5 |
| JPanel on which the shapes are drawn correctly.  Correctly: means it is possible to draw the shape by pressing the mouse and then dragging the mouse in *any direction* to see the shape is drawn while dragging. | Functionality of the drawing panel:  -Undo the last shape drawn 6%  -Clear all shapes from the drawing 6%  -Uses the MyShapes hierarchy provided to draw the lines, rectangles and ovals. Draws in any direction. 20%  If any Direction not working -5% (10 points)  - Filled shapes 7.5%  - Gradient coloring 10%  - Dashed shapes with stroke width and dash length 10% | 12  12  40  15  20  20 |
| Status bar JLabel at the bottom of the frame that displays the current location of the mouse on the draw panel. | 10%  ( label **2.5%**,  Functionality: showing coordinates 7.5%) | 20 |
| Each drawn shape should have its own attributes.  For instance, one shape can be filled, not dashed, while another one can be not filled and dashed and so on.. | 6% | 12 |