## Class Responsibility Collaborator Model

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| **FrontPage** | |
| * Responsible for activating shape transition GUI. * Responsible for activating Color Transition GUI. * Responsible for activating Color Shape Transition GUI | * ShapetransF * ColortransF * ColorShapetransF |

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| **ShapetransF** | |
| * Responsible for selecting color. * Sets shape size by accepting dimensions etc. * Returns color, timer and size when called. * Responsible for Starting and Stopping shape transition. | * JFrame * ShowshapeGUI |

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| **ShapeChangeGUI** | |
| * Responsible for drawing and showing the shape. * Shows continuous transition of shape. | * ColorListener * JPanel * ShapetransF |

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| **ColorListener** | |
| * Listens for actions on GUI. * Takes the actions and accordingly sets the color and change the GUI according to its working. | * ShowShapeGUI |

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| **ColortransF** | |
| * Responsible for selecting shape. * Sets shape size by accepting dimensions etc. * Returns timer, color and size when called. * Responsible for starting and stopping Color Transition | * Colorchangeimp * JFrame |

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| **ColorchangeGUI** | |
| * Responsible for drawing shape and Showing the color Transition * Provides buttons to select the shape | * ColortransF * JPanel |

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| **ColorShapetransF** | |
| * Sets shape size by accepting dimensions etc. * Returns timer and size when called. * Responsible for Starting and Stopping color shape transition. | * JFrame * ColorShapeChangeGUI |

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| **ColorShapechangeGUI** | |
| * Responsible for drawing shape and setting color * Responsible for Showing the color and Shape Transition together. | * ColorShapetransF * JPanel |