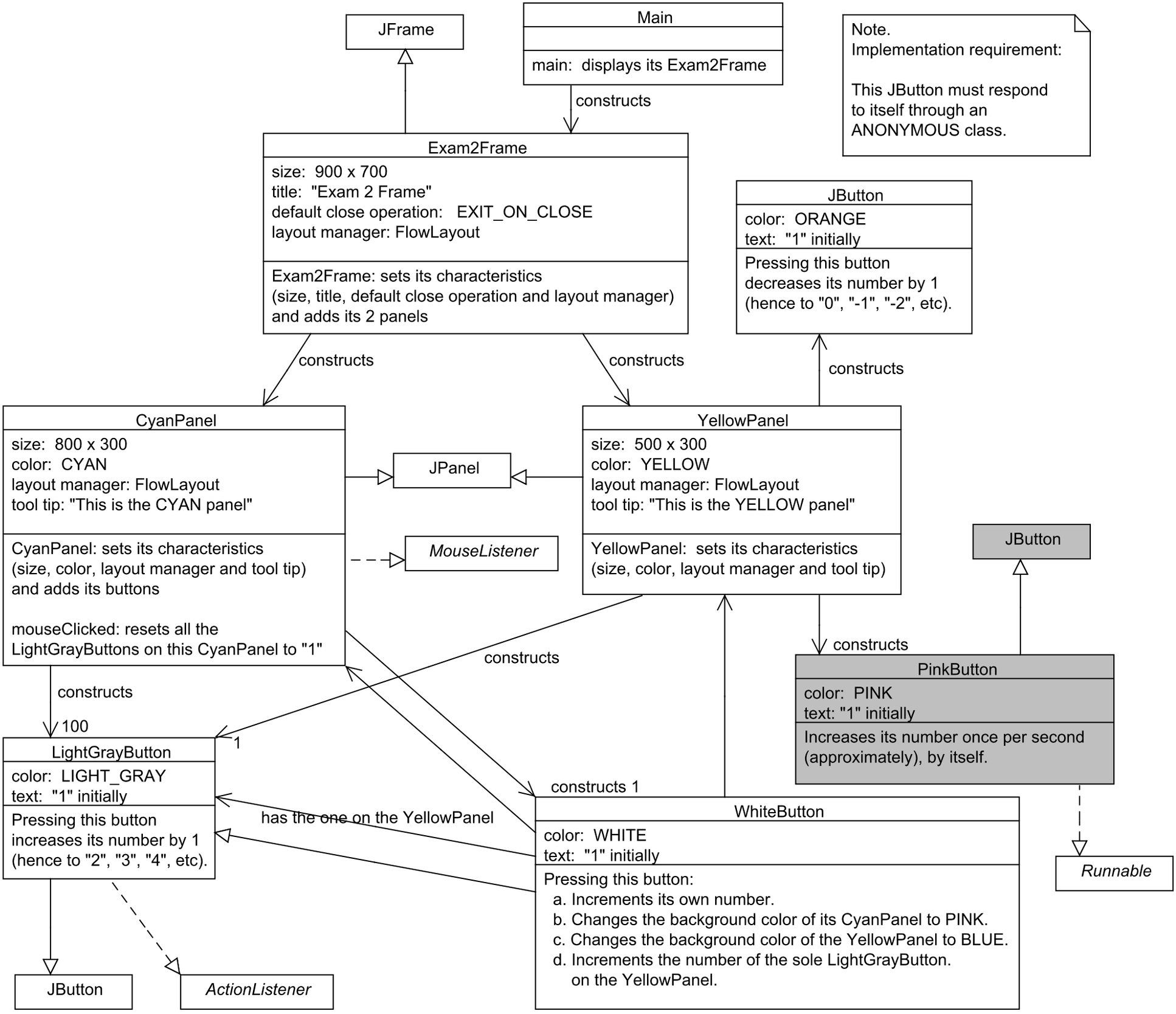
JFrame
Main
main: displays its Exam2Frame
constructs
Note.
Implementation requirement:
This JButton must respond to itself through an ANONYMOUS class.
Exam2Frame
size: 900 x 700
title: "Exam 2 Frame"
default close operation: EXIT_ON_CLOSE
layout manager: FlowLayout
Exam2Frame: sets its characteristics (size, title, default close operation and layout manager) and adds its 2 panels
JButton
color: ORANGE
text: "1" initially
Pressing this button decreases its number by 1 (hence to "0", "-1", "-2", etc).
constructs
constructs
constructs
CyanPanel
size: 800 x 300
color: CYAN
layout manager: FlowLayout
tool tip: "This is the CYAN panel"
CyanPanel: sets its characteristics (size, color, layout manager and tool tip) and adds its buttons
mouseClicked: resets all the LightGrayButtons on this CyanPanel to "1"
JPanel
MouseListener
YellowPanel
size: 500 x 300
color: YELLOW
layout manager: FlowLayout
tool tip: "This is the YELLOW panel"
YellowPanel: sets its characteristics (size, color, layout manager and tool tip)
JButton
constructs
constructs
constructs
100
1
PinkButton
color: PINK
text: "1" initially
Increases its number once per second (approximately), by itself.
LightGrayButton
color: LIGHT_GRAY
text: "1" initially
Pressing this button increases its number by 1 (hence to "2", "3", "4", etc).
constructs 1
has the one on the YellowPanel
WhiteButton
color: WHITE
text: "1" initially
Pressing this button:
a. Increments its own number.
b. Changes the background color of its CyanPanel to PINK.
c. Changes the background color of the YellowPanel to BLUE.
d. Increments the number of the sole LightGrayButton. on the YellowPanel.
Runnable
JButton
ActionListener