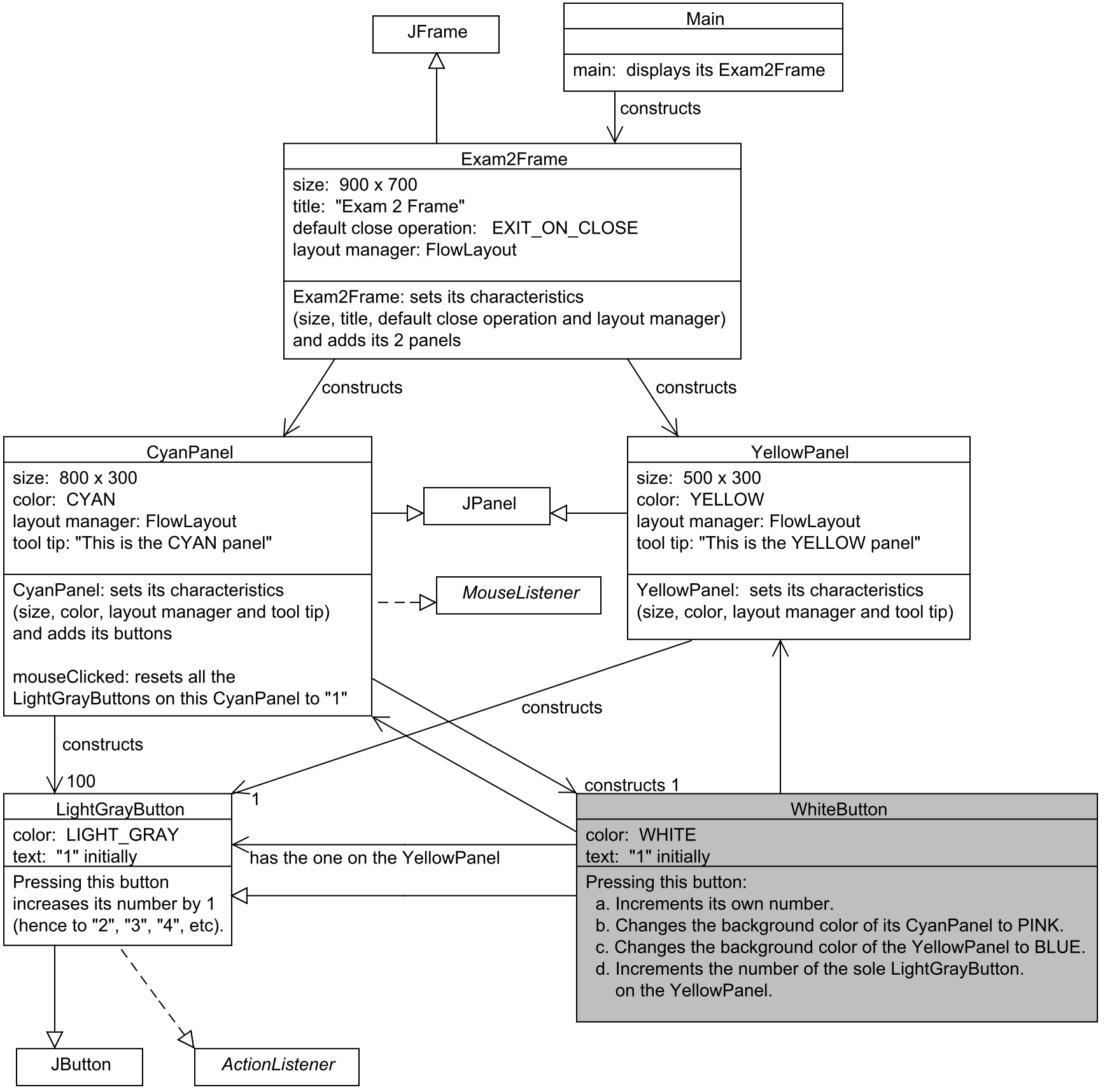
JFrame
Main
main: displays its Exam2Frame
constructs
Exam2Frame
size: 900 x 700
title: "Exam 2 Frame"
default close operation: EXIT_ON_CLOSE
layout manager: FlowLayout
Exam2Frame: sets its characteristics
(size, title, default close operation and layout manager)
and adds its 2 panels
constructs
constructs
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)
constructs
constructs
100
1
constructs 1
LightGrayButton
color: LIGHT_GRAY
text: "1" initially
Pressing this button
increases its number by 1
(hence to "2", "3", "4", etc).
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.
JButton
ActionListener