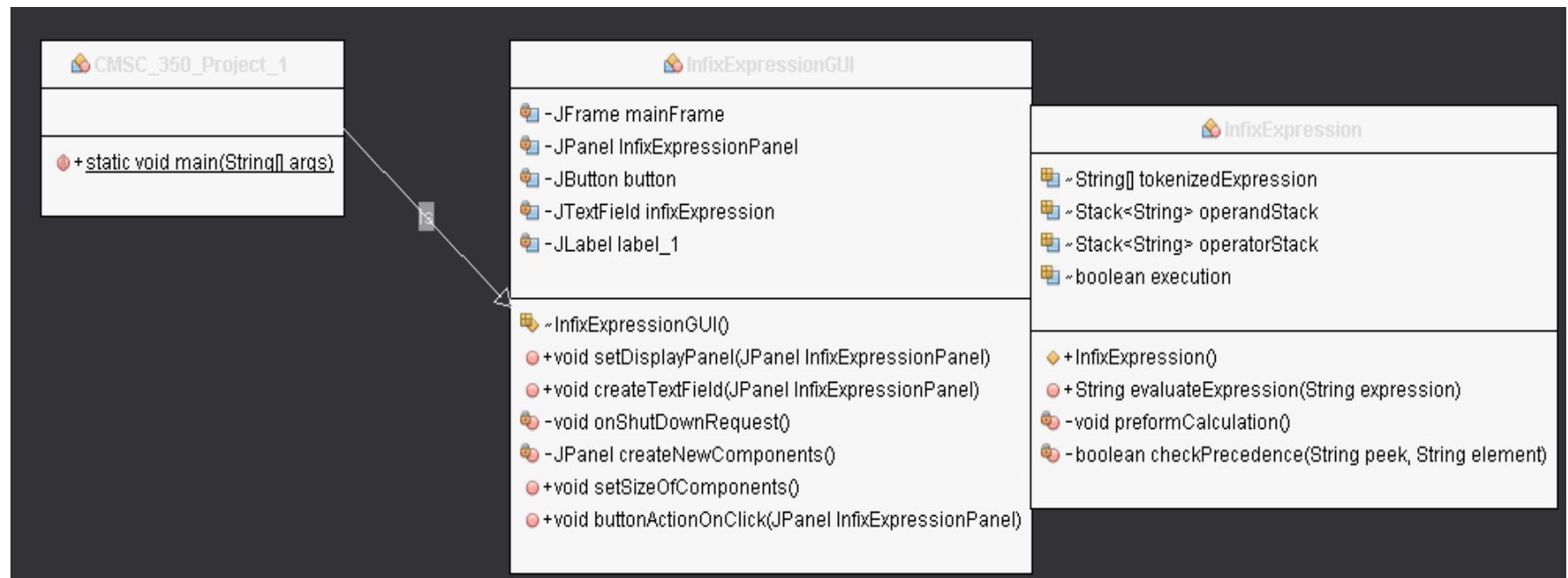


CMSC 350

11/15/2016

Kalada Opuiyo

Project 1



UML Diagram

Test Number	Subject	Test Conducted	Notes
1	Divide by Zero	Infix Expression: 10/0	Result: Cannot Divide by zero
2	Invalid Characters	Infix Expression: (7879&**&	Result: Empty or Invalid Expression
3	Empty Infix Expression	Infix Expression: Blank, no value entered	Result: Empty or Invalid Expression
4	Test of various Infix Expression	1. Infix Expression: 55+65/6*2 2. Infix Expression: (2+3)*10/2" 3. Infix Expression: (3*5+2)+10/5-(5*2) 4. Infix Expression: 8+7*2/10 5. Infix Expression: 10/2+(34-62)	1. Result:75 2. Result:50 3. Result:9 4. Result:9 5. Result:-23

Lesson Learned:

This project allowed me to strengthen my understanding of stacks and how to handle parsing String expressions for manipulating data.