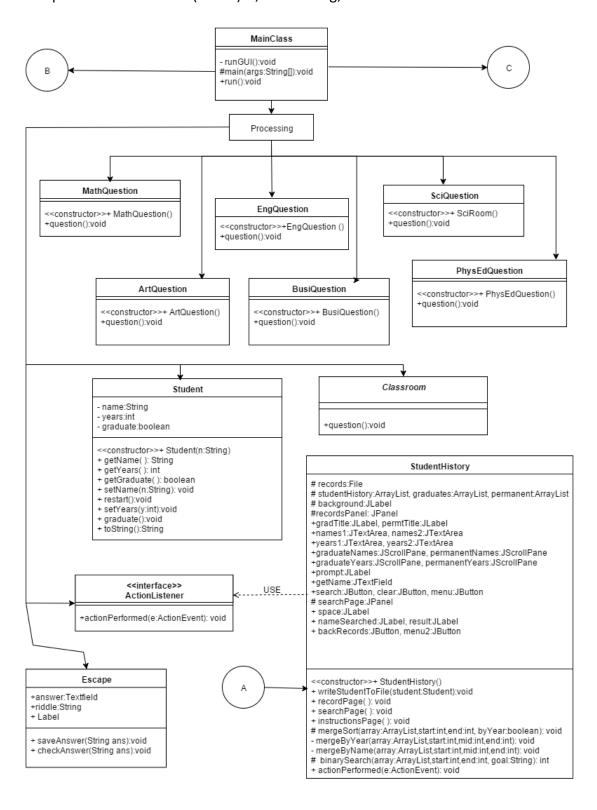
# Father Michael McGivney Catholic Academy November, 2015 – January, 2016 Computer Science (ICS4U1)

Appendix E

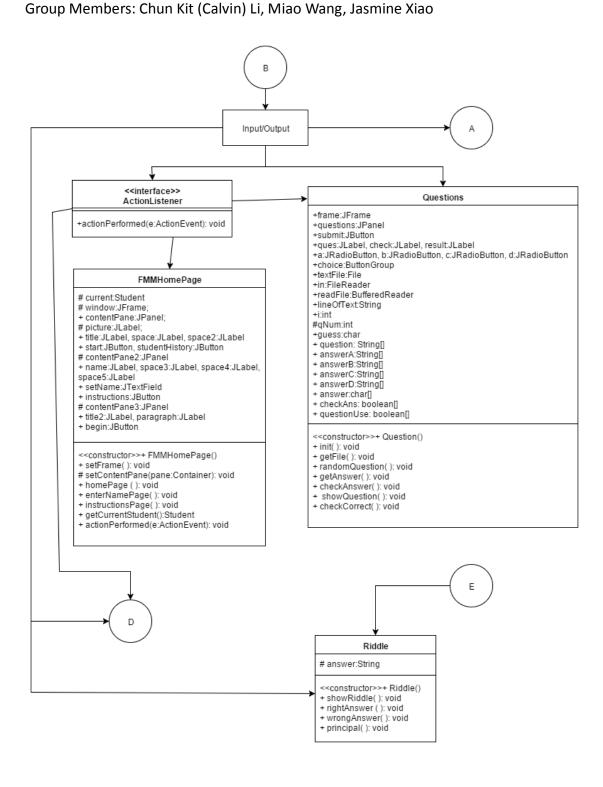
**UMLs** 

Group Members:
Chun Kit (Calvin) Li
Miao Wang
Jasmine Xiao

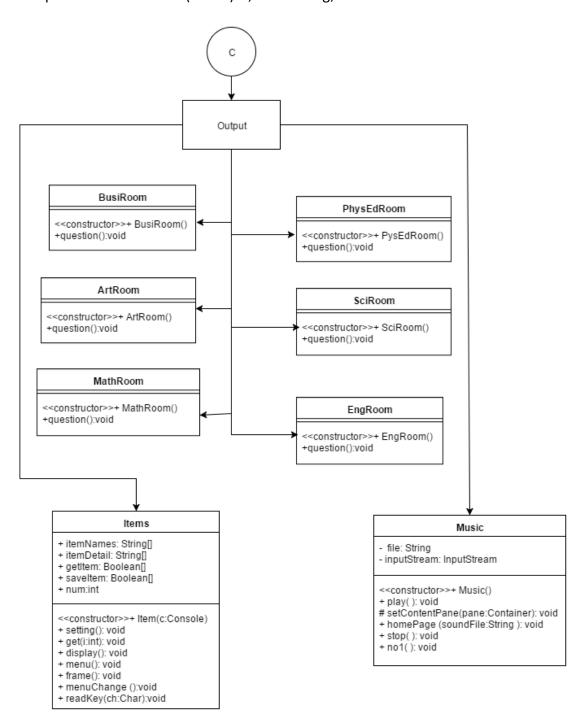
## Appendix E – UMLs Group Members: Chun Kit (Calvin) Li, Miao Wang, Jasmine Xiao



# Appendix E – UMLs

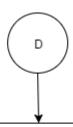


# Appendix E – UMLs Group Members: Chun Kit (Calvin) Li, Miao Wang, Jasmine Xiao



### Appendix E – UMLs

### Group Members: Chun Kit (Calvin) Li, Miao Wang, Jasmine Xiao



### Hallway

### # contentPane4:JPanel

- + space:JLabel, space2:JLabel
- + escape:JButton, giveUp:JButton, restart:JButton, items:JButton
- + doors:JButton[]
- # giveUpPage:JPanel
- + message:JPanel
- + menu:JButton
- # gameOverPage:JPanel
- + gameOver:JLabel, space3:JLabel, space4:JLabel
- + restart2:JButton, giveUp2:JButton
- # mathItem:JPanel
- + course:JLabel, getItem:JLabel, itemName:JLabel, description:JLabel, space5:JLabel;
- + next:JButton
- # englishItem:JPanel
- + course2:JLabel, getItem2:JLabel, itemName2:JLabel, description2:JLabel, space6:JLabel;
- + next2:JButton
- # scienceltem:JPanel
- + course3:JLabel, getItem3:JLabel, itemName3:JLabel, description3:JLabel, space7:JLabel;
- + next3:JButton
- # businessItem:JPanel
- + course4:JLabel, getItem4:JLabel, itemName4:JLabel, description4:JLabel, space8:JLabel
- + next4:JButton
- # physedItem:JPanel
- + course5:JLabel, getItem5:JLabel, itemName5:JLabel, description5:JLabel, space9:JLabel
- + next5:JButton
- # artitem:JPanel
- + course6:JLabel, getItem6:JLabel, itemName6:JLabel, description6:JLabel, space10:JLabel
- + next6:JButton
- <<constructor>>+ Classrooms()
- +gamePage ():void
- +giveUpPage ():void
- +gameOverPage():void
- +mathItemPage():void
- +englishItemPage():void
- +scienceltemPage():void
- +businessItemPage():void
- +physedItemPage():void
- +artItemPage():void
- + actionPerformed(e:ActionEvent): void

