Model::Main

Model::ClassDiagram1

StudentActivity

+StudentActivity()

«boundary»
StudentUI

MenuListener

+actionPerformed(e: ActionEvent)

Login

+Login()

Check

-dataidpw: static String
-k: static int = 0
-IDPW[]: static String

+data(): int
+add(idpw: String)
+delete(idpw: String)
+check(idpw: String)

ActionListener

+actionPerformed(e: ActionEvent)

내부구현ActionListener

Action

+actionPerformed(e: ActionEvent)

Note

+Note()

Eat

+Eat()

FavoriteSite

+FavoriteSite()

Health

+Health()

Item

+itemStateChanged(e2: ItemEvent)

Model::ObjectDiagram1

«Boundary»
StudentUI

StudentActivity

MenuListener

Login

Check

-dataidpw: static String
-k: static int = 0
-IDPW[]: static String

ActionListener

내부ActionListener

Action

Health

Eat

FavoriteSite

Note

Item

Model::UseCaseDiagram1

Student

Login

«include»

Check

«extend»

(JButton)e1.getSource()=="What's Eat?"

«extend»

(JButton)e1.getSource()=="My Health?"

«extend»

(JButton)e1.getSource()=="Favorite Site"

«extend»

(JButton)e1.getSource()=="Note"

Eat

Health

FavoriteSite

Note

interaction SequenceDiagram1

Model::Collaboration2::Interaction1::SequenceDiagram1

interaction SequenceDiagram1

| «boundary» StudentUI | Login | Check | MenuListener | Action | Item | ActionListenerHealth | ActionListener |

1 : actionPerformed(e0: ActionEvent)

alt e0

[(JButton)e.getSource()=="Add"]

3 : return idpw

4 : return idpw

[(JButton)e0.getSource()=="delete"]

2 : Login()

5 : add(idpw: String)

6 : IDPW[]=idpw

7 : delete(idpw: String)

8 : delete idpw from IDPW[]

9 : check(idpw: String)

alt check

[if idpw and IDPW[] is same]

«create»
10 : **StudentActivity**

11 : actionPerformed(e: ActionEvent)

12 : actionPerformed(e1: ActionEvent)

alt e

[(JButton)e.getSource()=="What's Eat?"]

«create»
13 : **Eat**

15 : itemStateChanged(e2: ItemEvent)

alt e2.getItem()

[food[], pay[], time[]]

18 : taa.append(sel)

alt e1

[e1.getActionCommand()==Favorite Data]

14 : data():int

16 : return num

17 : FavoriteSiteFile.delete()

19 : FavoriteSiteFile.createNewFile()

[(JButton)e.getSource()=="My Health?"]

«create»
21 : **Health**

23 : actionPerformed(e3: ActionEvent)

[e1.getActionCommand()==Note data]

20 : data(): int

22 : return num

24 : NoteFile.delete()

26 : NoteFile.createNewFile()

25 : JOptionPane.showConfirmDialog(null,"진단 내용","자가 진단",JOptionPane.YES_NO_OPTION);

[(JButton)e.getSource()=="Favorite Site"]

27 : **FavoriteSite**
«create»

28 : JOptionPane.showMessageDialog(null,"증상 진단","결과",JOptionPane.WARNING_MESSAGE);

[(JButton)e.getSource()=="Note"]

29 : **Note**
«create»

30 : File.createNewFile()

31 : ta.append(Character.toString(Char(c1=note1.read())))

32 : actionPerformed(e4 :ActionEvent)

33 : ta.append((JTextField)e4.getSource().getText())

34 : File.createNewFile()

35 : note.write((t1.getText()+"\n").getBytes());

36 : ta.append(Character.toString(Char(c1=note1.read())))

37 : actionPerformed(e5: ActionEvent)

38 : ta.append((JTextField)e5.getSource().getText())

39 : note.write((t1.getText()+"\n").getBytes())