

Main
main():void createDependency():void

## MainPage

- c:Container  
-icon:ImageIcon  
-zero:JButton  
-signpButton:JButton  
-loginButton:JButton  
-exitButton:JButton  
-employeeButton:JButton  
-aboutButtons:JButton

MainPage(x:int,y:int)  
signpButton.addActionListener(ActionListener(),actionPerformed(e:ActionEvent):void)  
loginButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)  
employeeButton.addActionListener(ActionListener(),+actionPerformed(e:ActionEvent):void)  
aboutButtons.addActionListener(ActionListener(),actionPerformed(e:ActionEvent):void)  
exitButton.addActionListener(ActionListener(),actionPerformed(e:ActionEvent):void)

SeaView
<ul style="list-style-type: none"><li>- c:Container</li><li>- icon:ImageIcon</li><li>-zero:JButton</li><li>-backButton:JButton</li><li>-bookingButton:JButton</li></ul>
<pre>SeaView() backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) bookingButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)</pre>

HillView
<ul style="list-style-type: none"><li>- c:Container</li><li>- icon:ImageIcon</li><li>-zero:JButton</li><li>-backButton:JButton</li><li>-bookingButton:JButton</li></ul>
<p>HillView() backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) bookingButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)</p>

LoginPage
<ul style="list-style-type: none"><li>-c:Container</li><li>-icon:ImageIcon</li><li>-usernameLabel, passwordLabel, errorLabel:JLabel</li><li>-usernameText:JTextField</li><li>-passText:JPasswordField</li><li>-loginButton, cancelButton:JButton</li><li>-count:int</li></ul>
<p>LoginPage(x: int, y:int) loginButton.addActionListener(ActionListener(), actionPerformed(e:(ActionEvent) ) : void) cancelButton.addActionListener(ActionListener(), actionPerformed(e:(ActionEvent) ) : void)</p>

User
- username:String - firstName:String - lastName:String - email:String - phone:String - address:String - dateOfBirth:String - password:String - balance:Double - price:String - date:String - duration:String - view:String - records: Vector<String>()
User() User(username:String ,firstName:String,lastName:String ,email:String ,phone:String ,address:String ,dateOfBirth:String ,password:String) +saveFile():void +deleteAccount():void + removeUsernameFromList():void +changeFirstName(firstName:String):void +changeLastName(lastName:String):void +changeEmail(email:String):void +changeAddress(address:String):void +changeDateOfBirth(dateOfBirth:String):void +changePassword(password:String):void +changeView(view:String):void +setBalance(balance:double):void +setDate(price:date):void +setDuration(price:duration):void +addRecord( newRecord:String[]):void +Vector<String>() +getUsername(): String +getFirstName(): String +getLastName(): String +getEmail(): String +getPhone(): String +getAddress(): String +getDateOfBirth(): String +getView(): String +getPassword(): String +getBalance(): double +getPrice(): String +getDate(): String +getDuration(): String

## Farmacy

- c:Container
- icon:ImageIcon
- zero:JButton
- backButton:JButton
- bookingButton:JButton

Farmacy()  
backButton.addActionListener(ActionListener()),,actionPerformed(e:ActionEvent):void)

## SignupPage

-c:Container  
-icon:ImageIcon  
-firstNameLabel,lastNameLabel,  
nameLabel,usernameLabel,passwordLabel,phoneLabel,emailLabel,dateOfBirthLabel,  
dateOfBirthLabel\_2, genderLabel, addressLabel,usernameError, firstNameError,  
lastNameError, balanceError, phoneError, emailError, dateOfBirthError, genderError,  
passwordError, addressError: JLabel  
-usernameText, firstNameText, lastNameText, balanceText, phoneText, emailText,  
dateOfBirthText,genderText, addressText: JTextField  
-passText :JPasswordField  
-signpButton, clearButton, cancelButton: JButton  
-buttonGroup:ButtonGroup

SignupPage(x: int, y:int)  
signpButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
clearButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
cancelButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)



## Ambulance

- c:Container
- icon:ImageIcon
- zero:JButton
- backButton:JButton
- bookingButton:JButton

Ambulance()  
backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)

Username
- username:String
Username() Username(username:String) +write():void +exists():boolean +get():String

Doctor
<ul style="list-style-type: none"> <li>- c:Container</li> <li>- icon:ImageIcon</li> <li>-zero:JButton</li> <li>-backButton:JButton</li> <li>-ConfirmButton:JButton</li> <li>-PriceLabel:JLabel</li> <li>-PriceError:JLabel</li> <li>-PriceText:JTextField</li> <li>-answer:String</li> </ul>
<p> Doctor()  backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)  confirmButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) </p>

RegularView
<ul style="list-style-type: none"><li>-c:Container</li><li>-icon:ImageIcon</li><li>-zero j button</li><li>-backButton:JButton</li><li>-bookingButton:JButton</li></ul>
<p>RegularView() backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) bookingButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)</p>

## UserPage

-tabs: JTabbedPane  
-historyTable: JTable  
-scrollPane: JScrollPane  
-c: Container  
-icon : ImageIcon  
-homePanel, historyPanel, RoomPanel, Foodpanel, medicalPanel, updatePanel, deletePanel: JPanel  
-infoUsername, infoName, infoBalance, infoEmail, infoPhone, infoAddress, infoDateOfBirth, infoGender: JLabel  
- deletePass: JPasswordField  
-SeaviewOk,HillviewOk,RegularOk, foodCourtOk, DoctorOk,farmacyok, deleteOk, buttonLogOut, ambulanceok: JButton  
- a: boolean

UserPage(user : User, x: int, y: int)  
SeaviewOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
HillviewOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
RegularOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
foodCourtOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
DoctorOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
farmacyok.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
ambulanceok.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
buttonLogOut.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
refreshButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
updateButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
deleteOk.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)

BookingDate
Size:int vc_CheckIn:Vector() vc_Room:Vector()
+availableRoom(s4:String, s3:String): boolean

## BookingPage

- c:Container
- icon:ImageIcon
- zero:JButton
- backButton:JButton
- ConfirmButton:JButton
- totalamoutButton:JButton
- PricePanel:JPanel
- DatePanell:JPanel
- NumberofDaysPanel:JPanel
- homePanel:JPanel
- checkinText:JTextField
- PriceText:JTextField
- checkoutText:JTextField
- TotalamountText:JTextField
- durationText:JTextField
- checkinLabel:JLabel
- PriceLabel:JLabel
- durationLabel:JLabel
- checkoutLabel:JLabel
- roomviewLabel:JLabel
- roomsizeLabel:JLabel
- roomnumberLabel:JLabel
- TotalamountLabel1:JLabel
- checkinFormate:JLabel
- checkinError, PriceError, checkoutError, viewError, sizeError, roomError;:JLabel
  
- seaviewRadio, hillviewRadio, normalRadio, singleRadio, doubleRadio, sewRoom101, sewRoom102,sewRoom103,sewRoom104,hillRoom101,hillRoom102,hillRoom103,hillRoom104, normalRoom101, normalRoom102, normalRoom103,normalRoom104:JRadioButton
  
- buttonGroup1, buttonGroup2, buttonroomgrp, buttonSV, buttonHV, buttonNV:ButtonGroup
  
- answer, answer1:String

BookingPage(user: User , x: int , y: int )  
backButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
clearButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
totalamoutButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)  
ConfirmButton.addActionListener(ActionListener(), actionPerformed(e: ActionEvent ) : void)

AboutPage
-c:Container -icon:ImageIcon -zero:JButton -backButton:JButton -bookingButton:JButton
AboutPage() backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) bookingButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)



EmployeePage
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<ul style="list-style-type: none"><li>-c:Container</li><li>-icon:ImageIcon</li><li>-zero:JButton</li><li>-backButton:JButton</li><li>-bookingButton:JButton</li></ul>
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<pre>EmployeePage() backButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void) bookingButton.addActionListener(ActionListener(),,actionPerformed(e:ActionEvent):void)</pre>
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FoodCourt
<ul style="list-style-type: none"><li>- c:Container</li><li>- icon:Imagelcon</li><li>-zero:JButton</li><li>-backButton:JButton</li><li>-ConfirmButton:JButton</li><li>-Fries:JLabel</li></ul>
<p>FoodCourt() backButton.addActionListener(ActionListener()),,actionPerformed(e:ActionEvent):void)</p>

BookingWrite
BookingWrite()

## HoldPage

-c:Container  
-icon:ImageIcon  
-usernameLabel,passwordLabel, errorLevel  
-loginButton, errorButton, cancelButton: JButton  
-buttonGroup:ButtonGroup

HoldPage(x: int, y:int)  
loginButton.addActionListener(ActionListener(), actionPerformed(e:(ActionEvent) ) : void  
errorButton.addActionListener(ActionListener(), actionPerformed(e:(ActionEvent) ) : void  
cancelButton.addActionListener(ActionListener(), actionPerformed(e:(ActionEvent) ) : void

