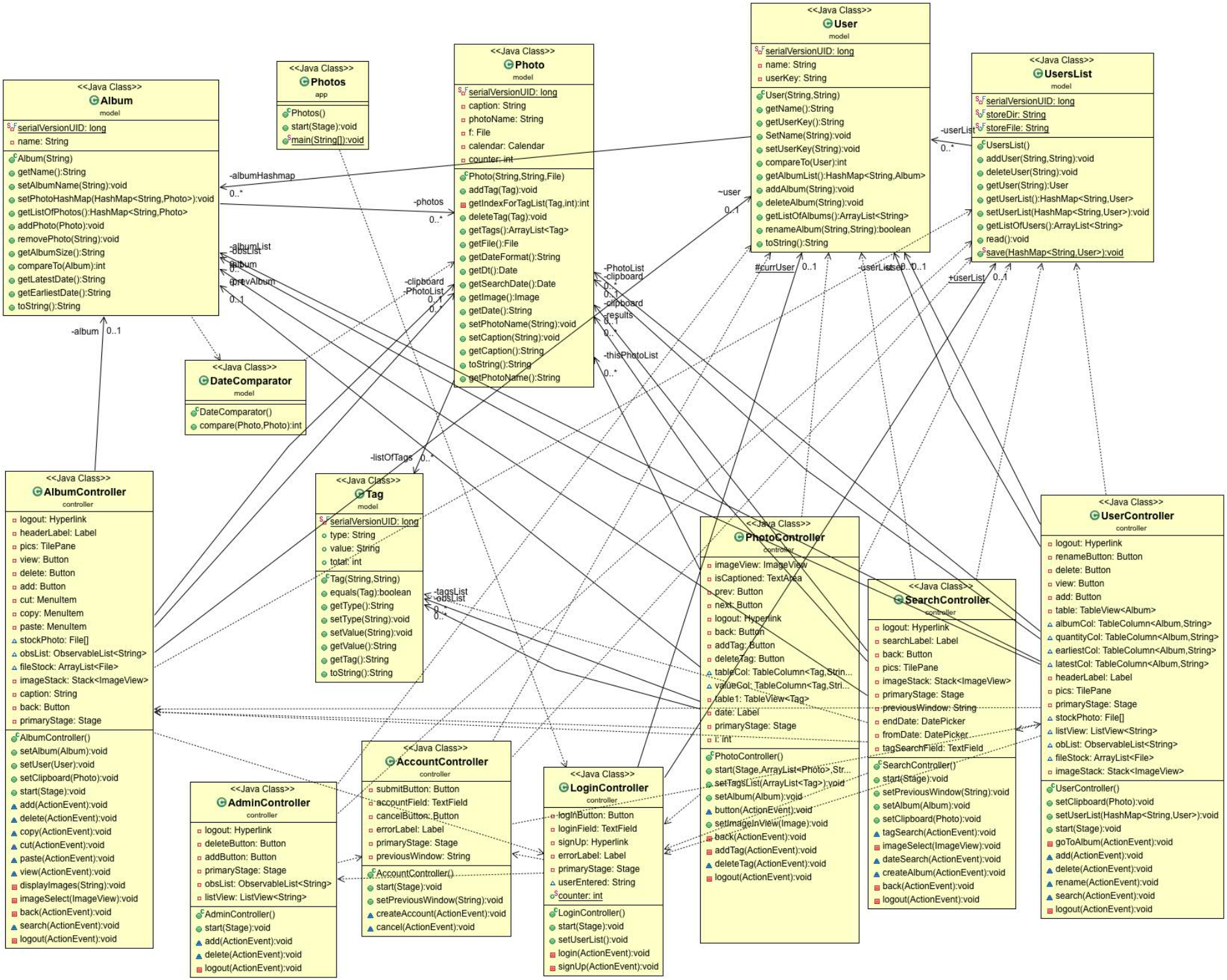
<<Java Class>>
Album
model
serialVersionUID: long
name: String
Album(String)
getName():String
setAlbumName(String):void
setPhotoHashMap(HashMap<String,Photo>):void
getListOfPhotos():HashMap<String,Photo>
addPhoto(Photo):void
removePhoto(String):void
getAlbumSize():String
compareTo(Album):int
getLatestDate():String
getEarliestDate():String
toString():String
<<Java Class>>
Photos
app
Photos()
start(Stage):void
main(String[]):void
<<Java Class>>
Photo
model
serialVersionUID: long
caption: String
photoName: String
f: File
calendar: Calendar
counter: int
Photo(String,String,File)
addTag(Tag):void
getIndexForTagList(Tag,int):int
deleteTag(Tag):void
getTags():ArrayList<Tag>
getFile():File
getDateFormat():String
getDt():Date
getSearchDate():Date
getImage():Image
getDate():String
setPhotoName(String):void
setCaption(String):void
getCaption():String
toString():String
getPhotoName():String
<<Java Class>>
User
model
serialVersionUID: long
name: String
userKey: String
User(String,String)
getName():String
getUserKey():String
SetName(String):void
setUserKey(String):void
compareTo(User):int
getAlbumList():HashMap<String,Album>
addAlbum(String):void
deleteAlbum(String):void
getListOfAlbums():ArrayList<String>
renameAlbum(String,String):boolean
toString():String
<<Java Class>>
UsersList
model
serialVersionUID: long
storeDir: String
storeFile: String
UsersList()
addUser(String,String):void
deleteUser(String):void
getUser(String):User
getUserList():HashMap<String,User>
setUserList(HashMap<String,User>):void
getListOfUsers():ArrayList<String>
read():void
save(HashMap<String,User>):void
-albumHashmap
0..*
-photos
0..*
-albumList
-obsList
-album
0..*
-prevAlbum
0..1
-clipboard
-PhotoList
0..1
0..*
-PhotoList
-clipboard
0..*
0..1
-clipboard
-results
0..1
0..*
-thisPhotoList
0..*
~user
0..1
-userList
0..*
#currUser
0..1
-userList
0..*
0..1
+userList
0..1
-album
0..1
<<Java Class>>
DateComparator
model
DateComparator()
compare(Photo,Photo):int
-listOfTags
0..*
<<Java Class>>
Tag
model
serialVersionUID: long
type: String
value: String
total: int
Tag(String,String)
equals(Tag):boolean
getType():String
setType(String):void
setValue(String):void
getValue():String
getTag():String
toString():String
-tagsList
-obsList
0..*
0..*
<<Java Class>>
AlbumController
controller
logout: Hyperlink
headerLabel: Label
pics: TilePane
view: Button
delete: Button
add: Button
cut: MenuItem
copy: MenuItem
paste: MenuItem
stockPhoto: File[]
obsList: ObservableList<String>
fileStock: ArrayList<File>
imageStack: Stack<ImageView>
caption: String
back: Button
primaryStage: Stage
AlbumController()
setAlbum(Album):void
setUser(User):void
setClipboard(Photo):void
start(Stage):void
add(ActionEvent):void
delete(ActionEvent):void
copy(ActionEvent):void
cut(ActionEvent):void
paste(ActionEvent):void
view(ActionEvent):void
displayImages(String):void
imageSelect(ImageView):void
back(ActionEvent):void
search(ActionEvent):void
logout(ActionEvent):void
<<Java Class>>
PhotoController
controller
imageView: ImageView
isCaptioned: TextArea
prev: Button
next: Button
logout: Hyperlink
back: Button
addTag: Button
deleteTag: Button
tableCol: TableColumn<Tag,Strin...
valueCol: TableColumn<Tag,Stri...
table1: TableView<Tag>
date: Label
primaryStage: Stage
i: int
PhotoController()
start(Stage,ArrayList<Photo>,Str...
setTagsList(ArrayList<Tag>):void
setAlbum(Album):void
button(ActionEvent):void
setImageInView(Image):void
back(ActionEvent):void
addTag(ActionEvent):void
deleteTag(ActionEvent):void
logout(ActionEvent):void
<<Java Class>>
SearchController
controller
logout: Hyperlink
searchLabel: Label
back: Button
pics: TilePane
imageStack: Stack<ImageView>
primaryStage: Stage
previousWindow: String
endDate: DatePicker
fromDate: DatePicker
tagSearchField: TextField
SearchController()
start(Stage):void
setPreviousWindow(String):void
setAlbum(Album):void
setClipboard(Photo):void
tagSearch(ActionEvent):void
imageSelect(ImageView):void
dateSearch(ActionEvent):void
createAlbum(ActionEvent):void
back(ActionEvent):void
logout(ActionEvent):void
<<Java Class>>
UserController
controller
logout: Hyperlink
renameButton: Button
delete: Button
view: Button
add: Button
table: TableView<Album>
albumCol: TableColumn<Album,String>
quantityCol: TableColumn<Album,String>
earliestCol: TableColumn<Album,String>
latestCol: TableColumn<Album,String>
headerLabel: Label
pics: TilePane
primaryStage: Stage
stockPhoto: File[]
listView: ListView<String>
obList: ObservableList<String>
fileStock: ArrayList<File>
imageStack: Stack<ImageView>
UserController()
setClipboard(Photo):void
setUserList(HashMap<String,User>):void
start(Stage):void
goToAlbum(ActionEvent):void
add(ActionEvent):void
delete(ActionEvent):void
rename(ActionEvent):void
search(ActionEvent):void
logout(ActionEvent):void
<<Java Class>>
AdminController
controller
logout: Hyperlink
deleteButton: Button
addButton: Button
primaryStage: Stage
obsList: ObservableList<String>
listView: ListView<String>
AdminController()
start(Stage):void
add(ActionEvent):void
delete(ActionEvent):void
logout(ActionEvent):void
<<Java Class>>
AccountController
controller
submitButton: Button
accountField: TextField
cancelButton: Button
errorLabel: Label
primaryStage: Stage
previousWindow: String
AccountController()
start(Stage):void
setPreviousWindow(String):void
createAccount(ActionEvent):void
cancel(ActionEvent):void
<<Java Class>>
LoginController
controller
loginButton: Button
loginField: TextField
signUp: Hyperlink
errorLabel: Label
primaryStage: Stage
userEntered: String
counter: int
LoginController()
start(Stage):void
setUserList():void
login(ActionEvent):void
signUp(ActionEvent):void