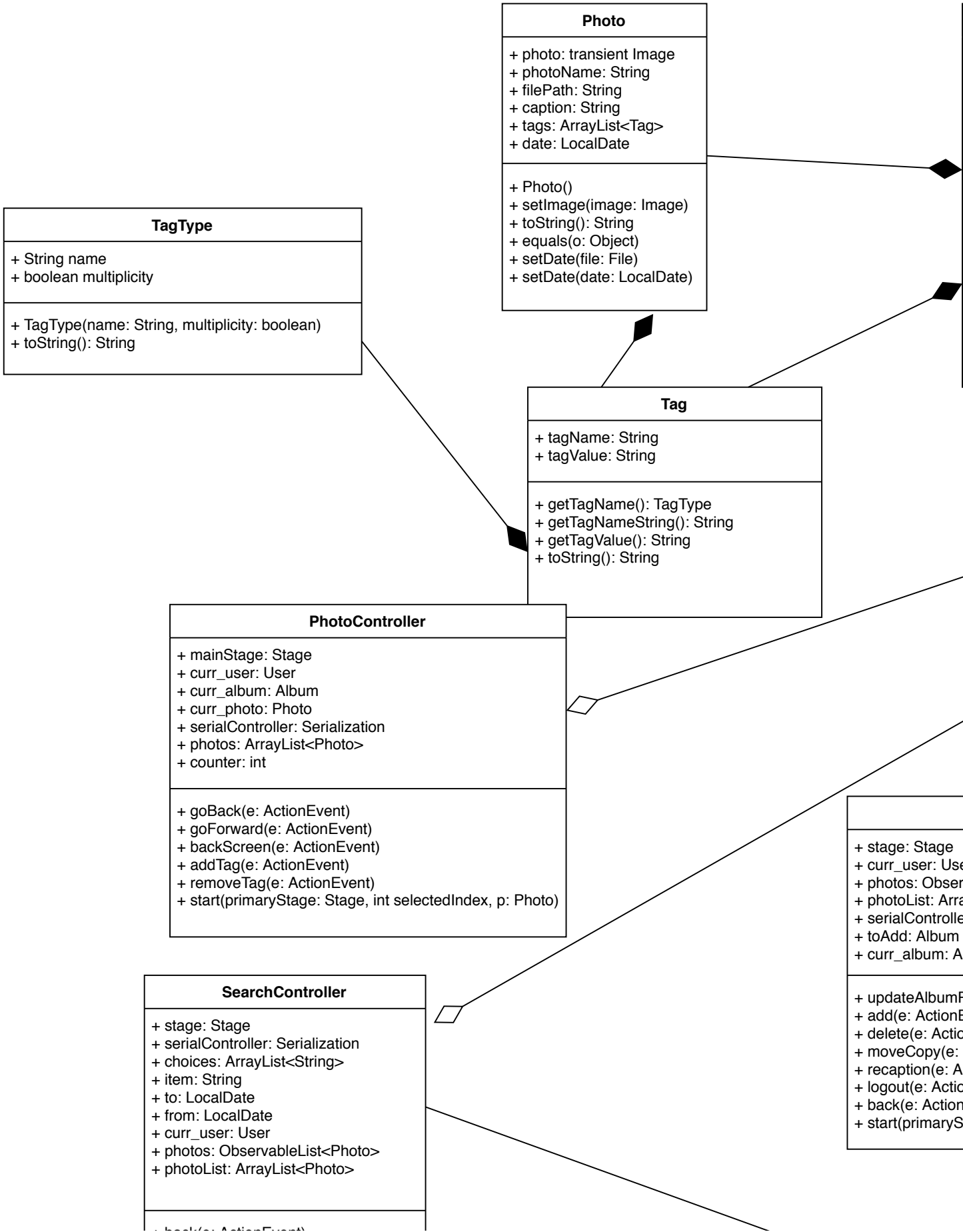
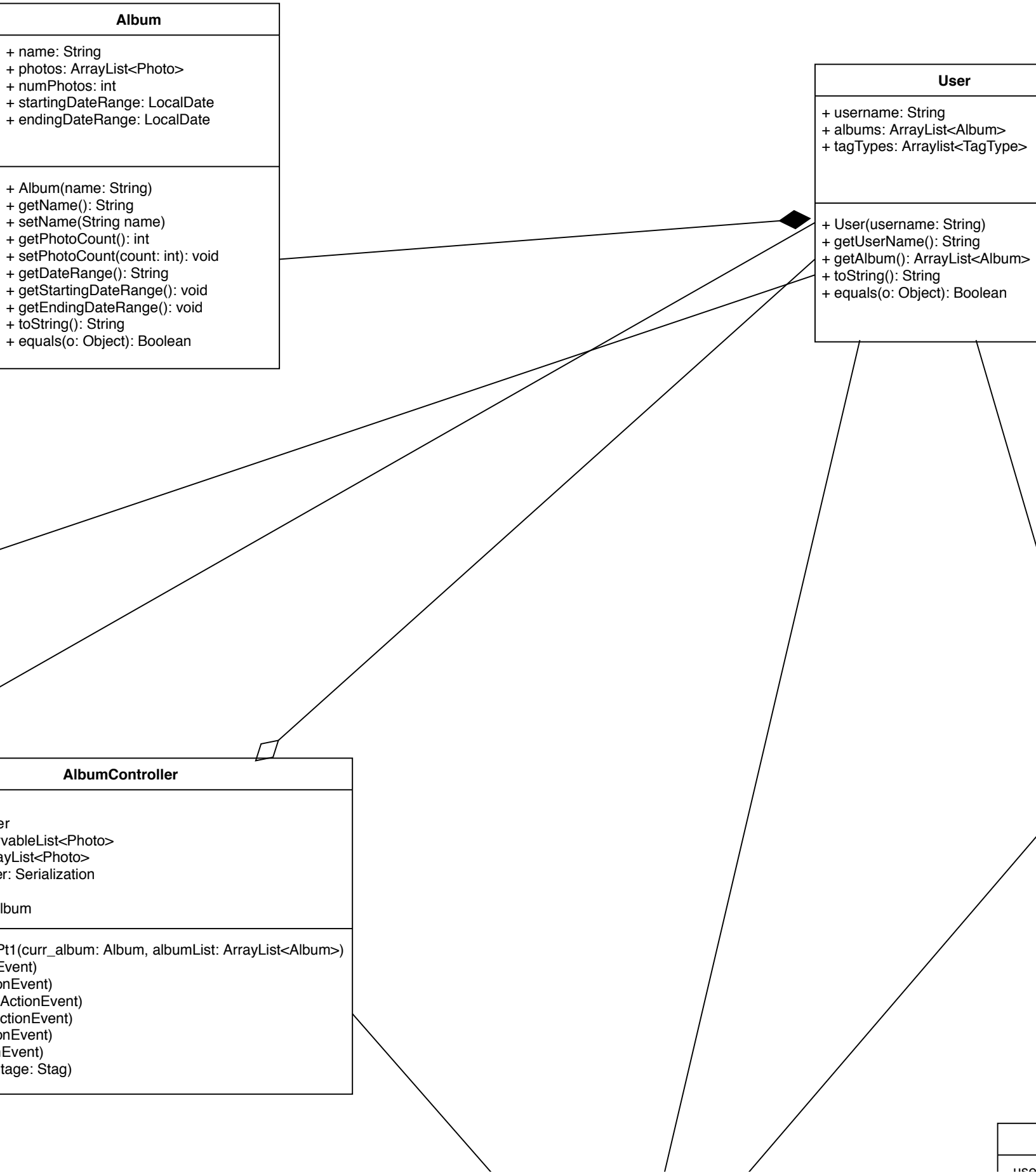
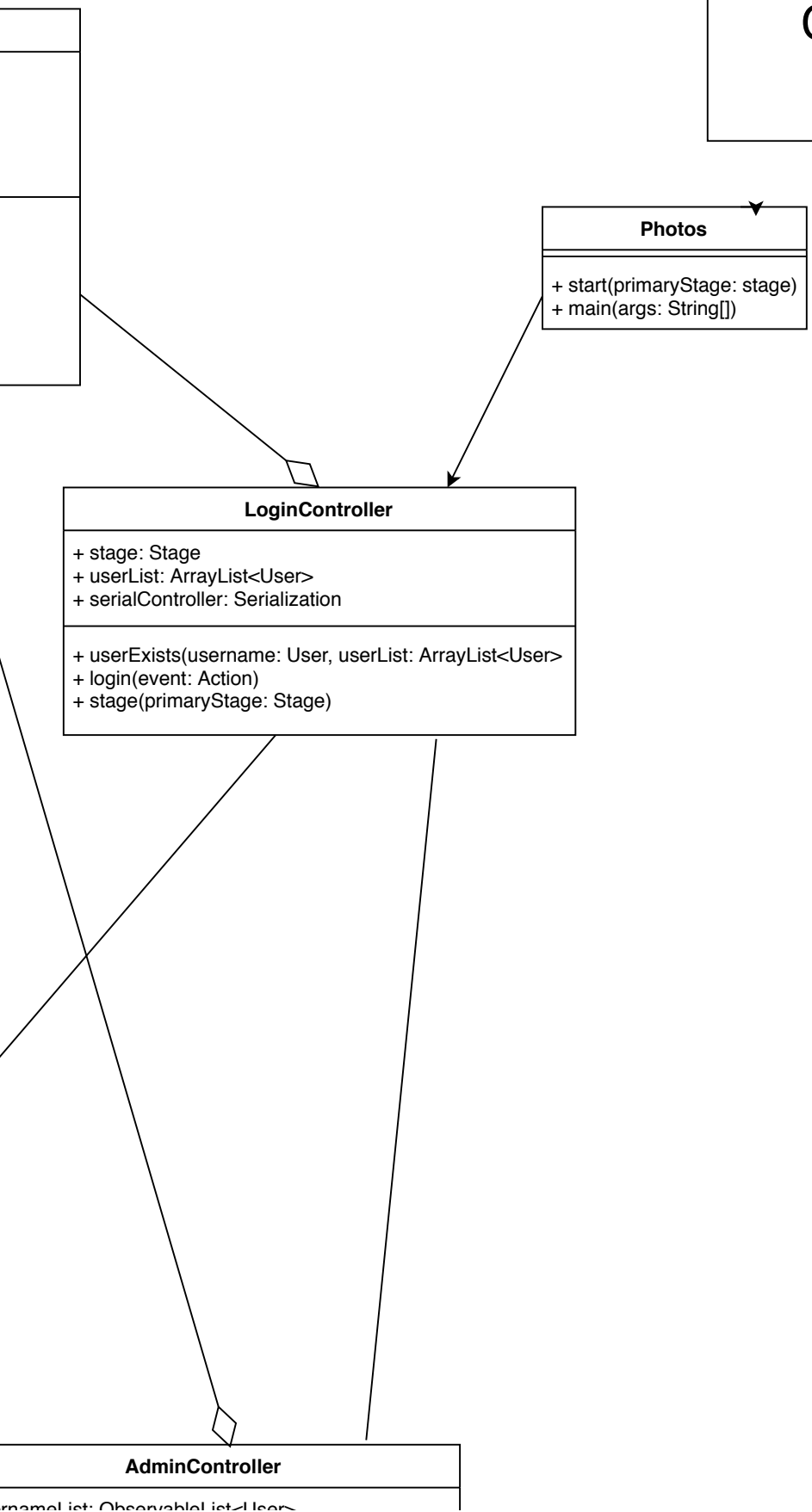
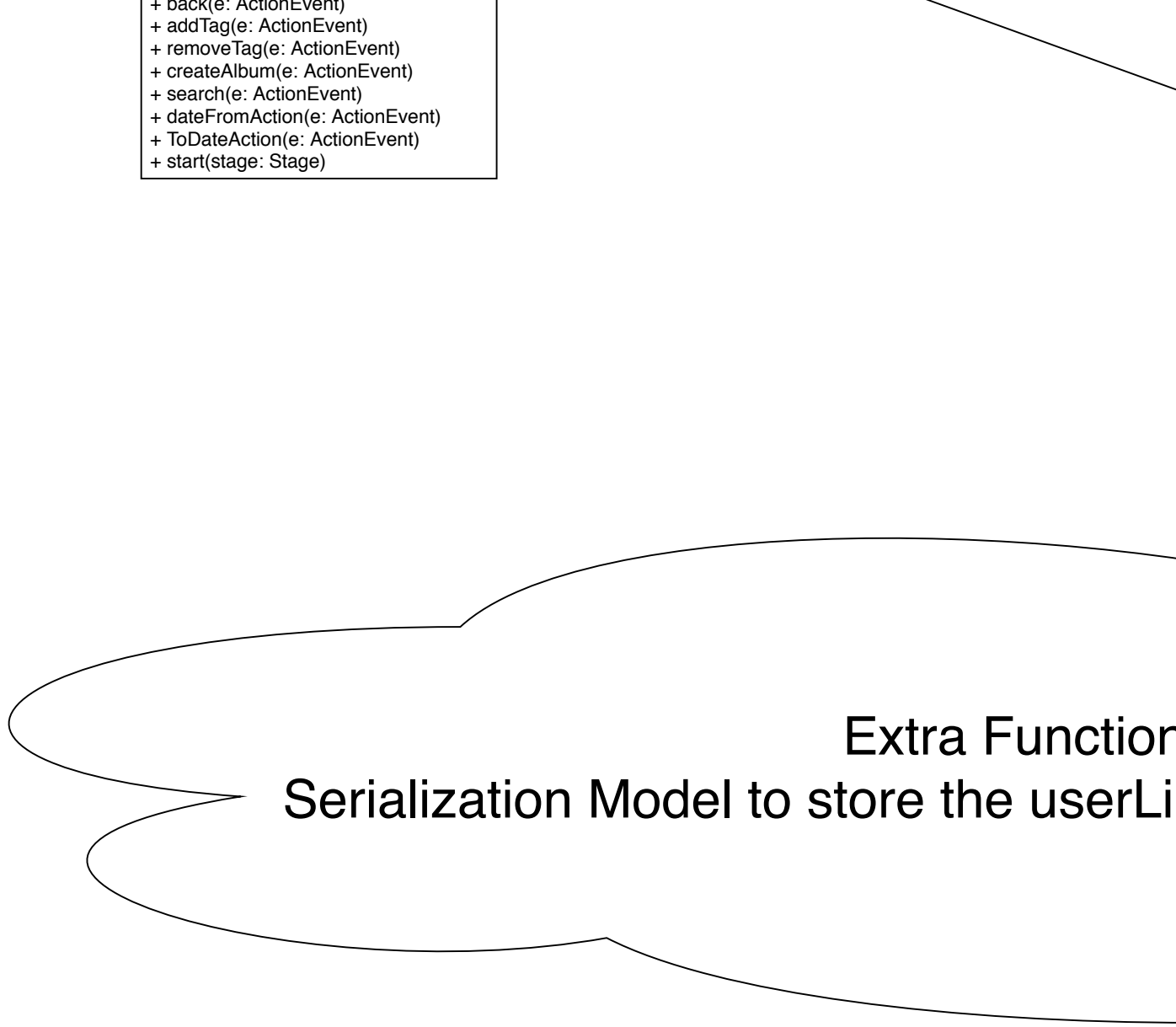


Photo
+ photo: transient Image
+ photoName: String
+ filePath: String
+ caption: String
+ tags: ArrayList<Tag>
+ date: LocalDate
+ Photo()
+ setImage(image: Image)
+ toString(): String
+ equals(o: Object)
+ setDate(file: File)
+ setDate(date: LocalDate)
TagType
+ String name
+ boolean multiplicity
+ TagType(name: String, multiplicity: boolean)
+ toString(): String
Tag
+ tagName: String
+ tagValue: String
+ getTagName(): TagType
+ getTagNameString(): String
+ getTagValue(): String
+ toString(): String
PhotoController
+ mainStage: Stage
+ curr_user: User
+ curr_album: Album
+ curr_photo: Photo
+ serialController: Serialization
+ photos: ArrayList<Photo>
+ counter: int
+ goBack(e: ActionEvent)
+ goForward(e: ActionEvent)
+ backScreen(e: ActionEvent)
+ addTag(e: ActionEvent)
+ removeTag(e: ActionEvent)
+ start(primaryStage: Stage, int selectedIndex, p: Photo)
SearchController
+ stage: Stage
+ serialController: Serialization
+ choices: ArrayList<String>
+ item: String
+ to: LocalDate
+ from: LocalDate
+ curr_user: User
+ photos: ObservableList<Photo>
+ photoList: ArrayList<Photo>
+ stage: Stage
+ curr_user: Use
+ photos: Obser
+ photoList: Arra
+ serialControlle
+ toAdd: Album
+ curr_album: A
+ updateAlbumF
+ add(e: ActionE
+ delete(e: Actio
+ moveCopy(e:
+ recaption(e: A
+ logout(e: Actio
+ back(e: Action
+ start(primaryS

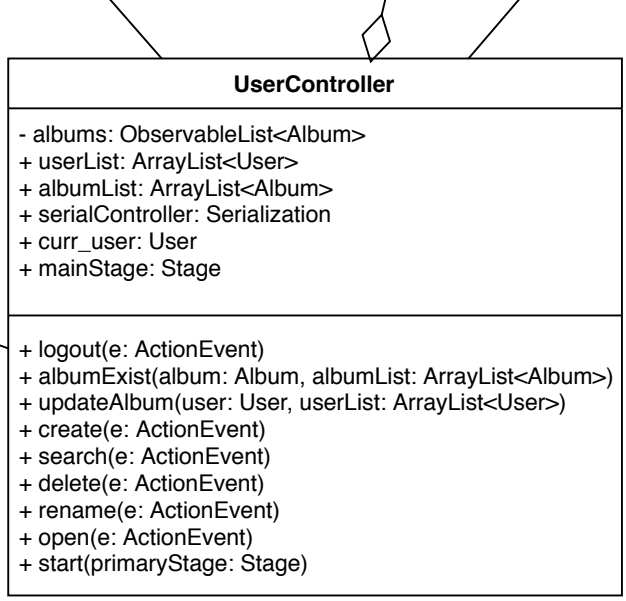

Album
+ name: String
+ photos: ArrayList<Photo>
+ numPhotos: int
+ startingDateRange: LocalDate
+ endingDateRange: LocalDate
+ Album(name: String)
+ getName(): String
+ setName(String name)
+ getPhotoCount(): int
+ setPhotoCount(count: int): void
+ getDateRange(): String
+ getStartingDateRange(): void
+ getEndingDateRange(): void
+ toString(): String
+ equals(o: Object): Boolean
User
+ username: String
+ albums: ArrayList<Album>
+ tagTypes: Arraylist<TagType>
+ User(username: String)
+ getUserName(): String
+ getAlbum(): ArrayList<Album>
+ toString(): String
+ equals(o: Object): Boolean
AlbumController
er
rvableList<Photo>
ayList<Photo>
er: Serialization
lbum
Pt1(curr_album: Album, albumList: ArrayList<Album>)
Event)
nEvent)
ActionEvent)
ctionEvent)
nEvent)
Event)
tage: Stag)

Karun Kanda (kk951)
Yulin Ni (yn140)
C213 Photos Project




+ back(e: ActionEvent)
+ addTag(e: ActionEvent)
+ removeTag(e: ActionEvent)
+ createAlbum(e: ActionEvent)
+ search(e: ActionEvent)
+ dateFromAction(e: ActionEvent)
+ ToDateAction(e: ActionEvent)
+ start(stage: Stage)

Extra Functior
Serialization Model to store the userLi



nality:
st, curr_album and curr_user

rnameList: ObservableList<User>
rs: ArrayList<User>
rialController: Serialization

outAction(event: ActionEvent)
Action(event: ActionEvent)
erExists(username: User, userList: ArrayList<User>
eateAction(event: ActionEvent)
eteAction(event: ActionEvent)
rt(primaryStage: Stage);