UML
Group 36
Whitney Alderman & Gazal Arora

User

+ getUsername(): String
+ setUsername(newUserName: String): void
+ addAlbumToUser:(album:Album): void
+ removeAlbumFromUser(Album album): void
+ getAlbums(): ArrayList<Album>
+ setAlbums(newAlbum: ArrayList<Albums>): void
+toString(): String

Album

+ getAlbumName(): String
+ setAlbumName(albumname:String): void
+ getnumPhotos(): int
+ setnumPhotos(numphotos:int): void
+ addPhoto(photo:Photo): void
+ removePhoto(photo:Photo) void
+ getPhotos(): ArrayList<Photo>
+ setPhotos(photos:ArrayList<Photo>): void
+ toString(): String
+ setBeginDate(): void
+ getBeginDate(): Calendar
+ setEndDate(): void
+ getEndDate(): Calendar

<<interface>>
Serializeable

Photo

Attributes

+ getImage(): Image
+ getDate(): Calendar
+ getFileName(): String
+ getCaption(): String
+ setCaption(): void
+ equals(other:Photo): boolean
+ getTags(): ArrayList<Tag>
+ addTagToPhoto(newTag:Tag): void
+ deleteTag(oldTag:Tag): void
+ toString(): String

Pixels

+ getImage(): Image
+ getWidth(): int
+ getHeight(): int
+ getPixels(): int[][]
+ equals(image:Pixels): boolean

Tag

+ getTagName(): String
+ getTagValue(): String
+ setTagName(newName:String): void
+ setTagValue(newValue:String): void
+ equals(Tag t): boolean
+ toString(): String

ThumbnailCell

+updateItem(photo:Photo, b:boolean): void

ListCell<T>

Photos

+start(): void
+main(args: String[]): void

LoginController

+start(mainStage: Stage): void
+quitPressed(): void
+goPressed(): void

AlbumsController

+quitPressed(): void
+openPressed(): void
+createPressed(): void
+renamePressed(): void
+deletePressed(): void
+searchPressed(): void
+logoutPressed(): void
+start(mainStage: Stage): void

SearchPhotosController

+quitPressed(): void
+logoutPressed(): void
+cancelPressed(): void
+okPressed():void
+start(mainStage: Stage): void
+dates(): void
+tags(): void
+tagdate(): void
+and(): void
+or(): void
+noConj(): void

SearchResultController

+quitPressed(): void
+logoutPressed(): void
+closePressed(): void
+createalbumPressed(): void
+start(mainStage: Stage): void

AdminController

+quitPressed(): void
+logoutPressed(): void
+createUserPressed(): boolean
+deleteUserPressed(): void
+listUsersPressed(): void
+start(mainStage: Stage): void

CreateAlbumController

+quitPressed(): void
+cancelPressed(): void
+okPressed():void
+start(mainStage: Stage): void

RenameAlbumController

+quitPressed(): void
+cancelPressed(): void
+okPressed():void
+start(mainStage: Stage): void

SelectedAlbumViewController

+quitPressed(): void
+logoutPressed(): void
+backtoAlbumListPressed(): void
+displayPhotoPressed(): void
+addPhotoPressed(): void
+removePhotoPressed(): void
+recaptionPressed(): void
+copyOrMovePressed(): void
+start(mainStage: Stage): void

RecaptionController

+quitPressed(): void
+logoutPressed(): void
+cancelPressed(): void
+confirmPressed():void
+start(mainStage: Stage): void

AddTagController

+quitPressed(): void
+logoutPressed(): void
+cancelPressed(): void
+confirmPressed():void
+browsePressed(): void
+start(mainStage: Stage): void

PhotosSlideshowController

+userSelection(moise:MouseEvent): void
+quitPressed(): void
+logoutPressed(): void
+backPressed(): void
+deleteTagPressed():void
+addTagPressed(): void
+slideLeftPressed(): void
+slideRightPressed(): void
+start(mainStage: Stage): void

AddPhotoToAlbumController

+quitPressed(): void
+logoutPressed(): void
+cancelPressed(): void
+okPressed():void
+browsePressed(): void
+start(mainStage: Stage): void

CopyOrMoveController

+quitPressed(): void
+logoutPressed(): void
+cancelPressed(): void
+okPressed():void
+start(mainStage: Stage): void

opens

*All associations between two controller classes have a one to one multiplicity.

Alert — Each controller class has an association with 0 or more Alerts.

ListView<T> — Classes with associations with ListView:
Admin Controller 1:1
AlbumsController 1:1
SearchPhotosController 1:2
SearchResultController 1:1
SelectedAlbumViewController 1:1
PhotoSlideshowController 1:1
AddPhotoToAlbumController 1:1
AddTagController 1:1

FXMLLoarder — Each Controller class has an assocation with 1 or more FXMLLoaders.