Instagram UML store File: String instagram: Instagram current User: User create() getApp(): Instagram init() write App (tustagram) rend Appli Instagram authenticate (user) get User (string) (19noutl) create Album (string) createfillow (name, Array 6/4) delebeAlbum (Album) getAUAlbums (): Array Ust MorePhotoTo (Photo, Album, Album) copyPhototo(Photo, Album) add thoto (White Albun) search By Tags (Array): Array Ust search By Dates (string, string): Arraylist adduser (user) remove User (user) User username string 9 ethlbums (): Array Us t fostring (); string X Album Photo caption: string Photofile URI: String nome: string String Date: String addPhoto (Photo) dabe: Long setName (string) getPhotos(): ArrayUst getDatel); Long dateRange () istring getthotofile URI: String tostring(); string setCaption (String) get(aption(): String adding (tag) Tag remove tag (tag) Key: String gettags (): Array 45 t * Value string getImage: Image tostring():strng equal((Tag): boolean

Javafx sequence

ListController

Login: Text Field obsust: Observable List

Jul+ ()

90TOUSERVIEW ()

Adminview

album: Album

listorplay: listview obstist: observablelist

start () reload () adduser ()

deleteuser()

Quit() 90 Back()

NonAdminview

list View: ListView obslist: observable list

Start () quit () 90 Back () OPENABUM () create() search () Pelete Albaml)

search

Tags : listview

Results: 119the Kly : Text Freld

Value: Texpreso startDali TextField

End Pate: Text Field

Date: textiteld Photo learth Results: Arraylist

obsilistags: observable list

reload (Arraylist)

obs Wit Results; observable list start()

crease Abbum ()

searchtags ()

Search Dabes ()

gorack ()

Quit ()

AddTag

Tag 5

album. Album

Photo: Photo Key: Textilia

value: Text Vin Drippey imagerizalay

listossplay:listvia obsilistiobservahilist

Start (Photo, Abdum) reload ()

Add() Peleter 90 Back() 9,416()

RenameAlbunci

reate

name: Textiled obsust: observable ust

9,416) 90Back() Save Album()

Copy And Move

PISPlay (Imagevier Choices: Choice Box

Start (Photo, Atbum) av16 () Move () copy () 90Back()

slideshow

album: Album correntInder: Integer 6654st: Obserable 452

start (Album) Previous () Nextus 90Back() quit ()

115tVlew: UstVlew Caption: Texturew

Open Abum

Date: TextVIew

Tags: TextArea Album Pane: Laker

album: Album

imageNler: ImageVlar obstict: observableUst ragslist: observablells t

ShowIten Input Dialog ()

quit () Start (Album)

goBack() deleterneto()

reload() edit (aption()

slideshow ()

copy and movel) Tags ()

AddImagein