

imgur



APPLICATION DEVELOPMENT: EPICTURE

IMAGER

IMGUR : Implement online photo sharing API
platforms

C#/.NET

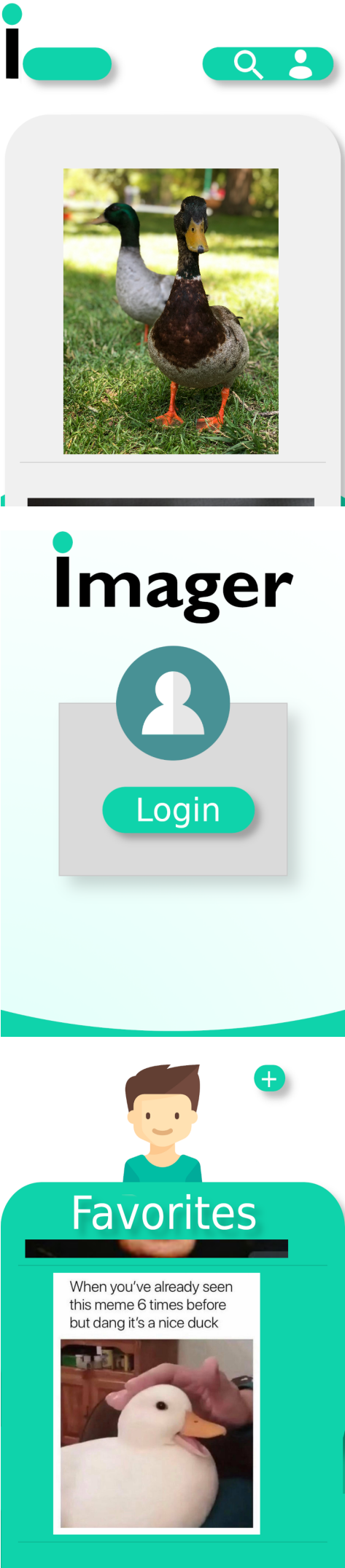
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INTRODUCTION

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The Silton Tropic Shop specializes in breezy outfits that guarantee maximum comfort in warm weather. We're prepping our online store, so stay tuned!



CLASS DIAGRAM

APIAction



tagData
data data
setdata(data): void getdata(): data

imgurData
List<data> data
setdata(List<data>): void getdata(): List<data>

data
string cover string type string link List<items> items
setcover(string): void getcover(): string settype(string): void gettype(): string setlink(string): void getlink(): string setitems(List<items>): void getitem(): List<items>

items
string items
setitems(string): void getitem(): string

Used to extract Json file from API in order to communicate and interact with imgur: Get all the feed pictures, upload pictures, favorite pictures and album. Upload picture and last Login into the app.

CLASS DIAGRAM

MainActivity

MainActivity

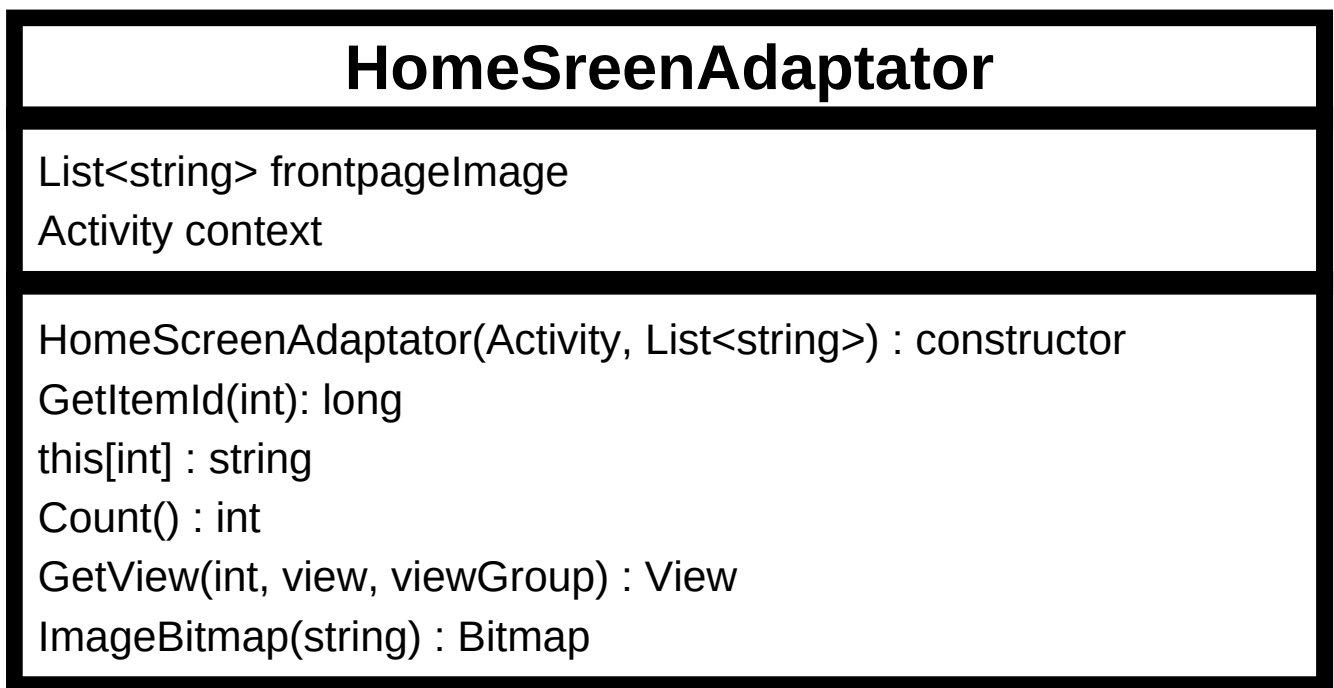
String bearer
EditText editTextTag
Button tag
List<string> frontpageStr
ListView listView
APICall frontpage
bool isUpload = true
String tmp

OnCreate(Bundle) : void
OnRequestPermissionsResult(int, string[], [GeneratedEnum]) : void
LoadProfil(String) : void
tagClicked(): void
Constructor(APICall) : void
ManageButtonFrontpage() : void
ManageButtonLogin() : void
ManageButtonWebView() : void
ManageButtonProfil() : void

MainActivity class is used to set the front page

CLASS DIAGRAM

HomeScreenAdaptater



HomeScreenAdaptator is used to create a list of scrollable images.

CLASS DIAGRAM

HelloWebViewClient

HelloWebViewClient

List<string> frontpageImage

Activity context

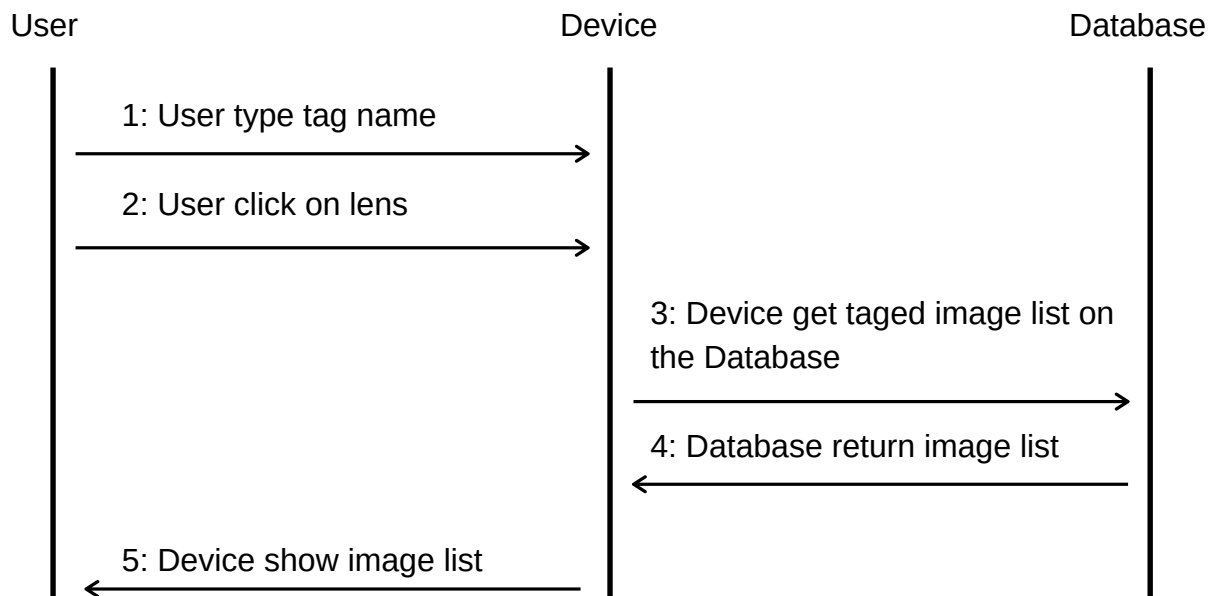
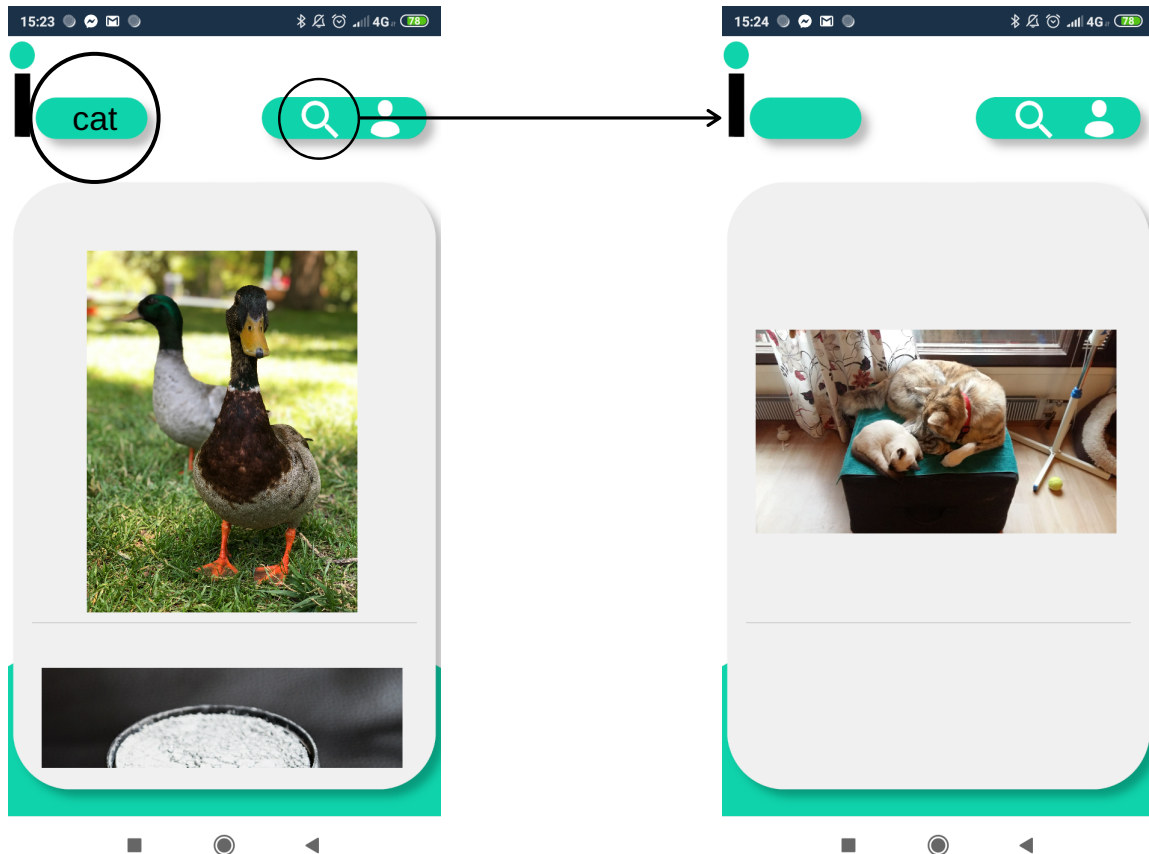
HelloWebViewClient(MainActivity) : creator

ShouldOverrideUrlLoading(Webview, IWebResourceRequest) : bool

HomeScreenAdaptator is used to create a list of scrollable images.

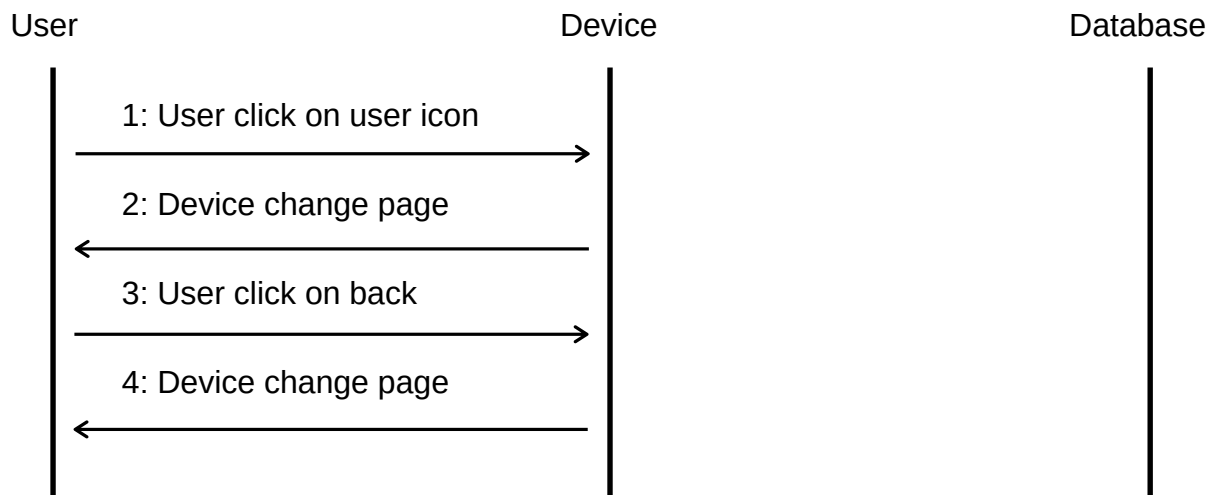
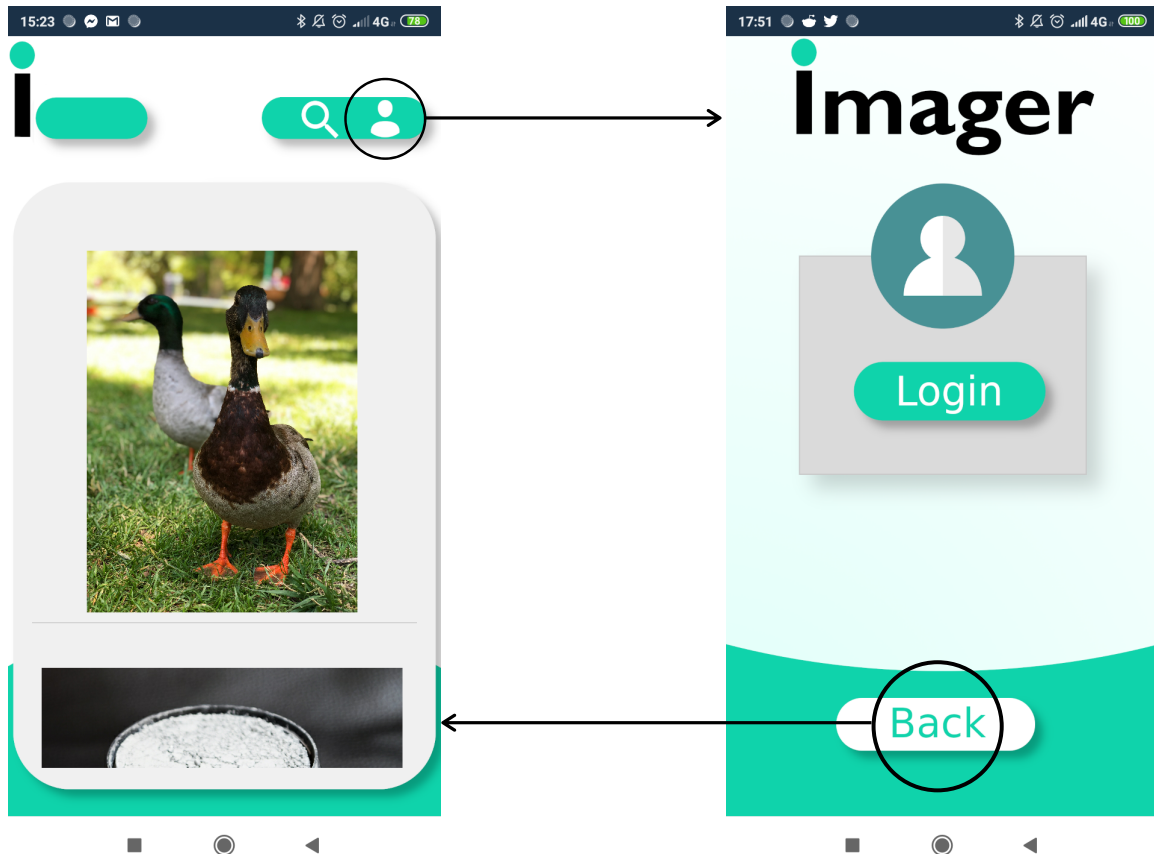
SEQUENCE DIAGRAM

Interfaces - Home Page



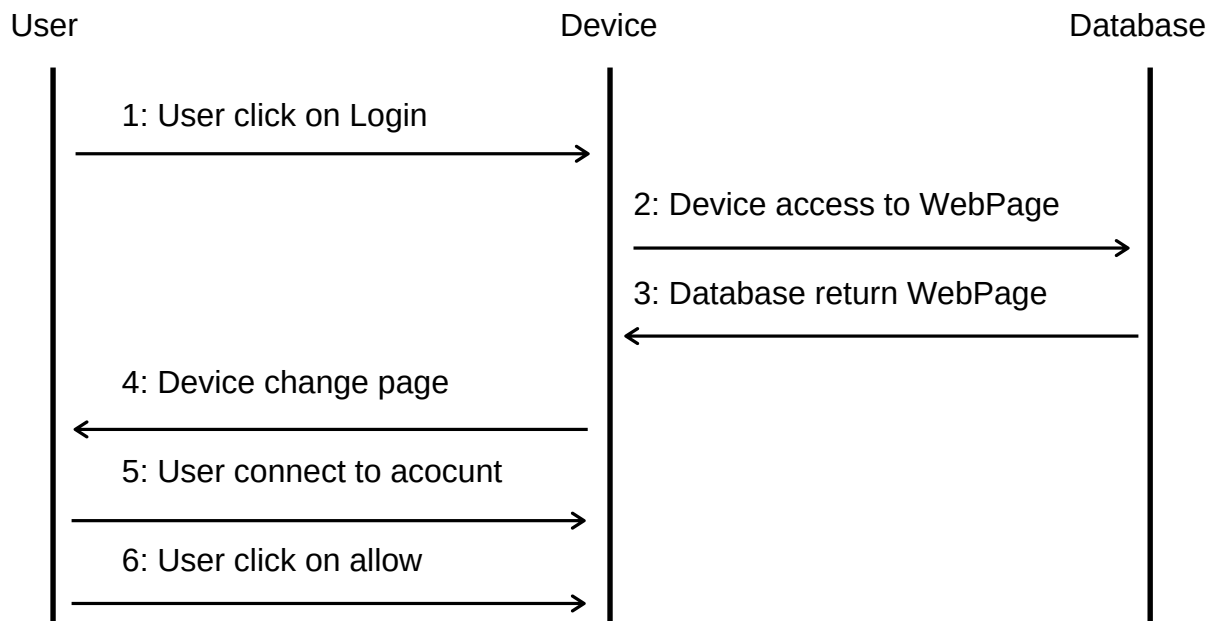
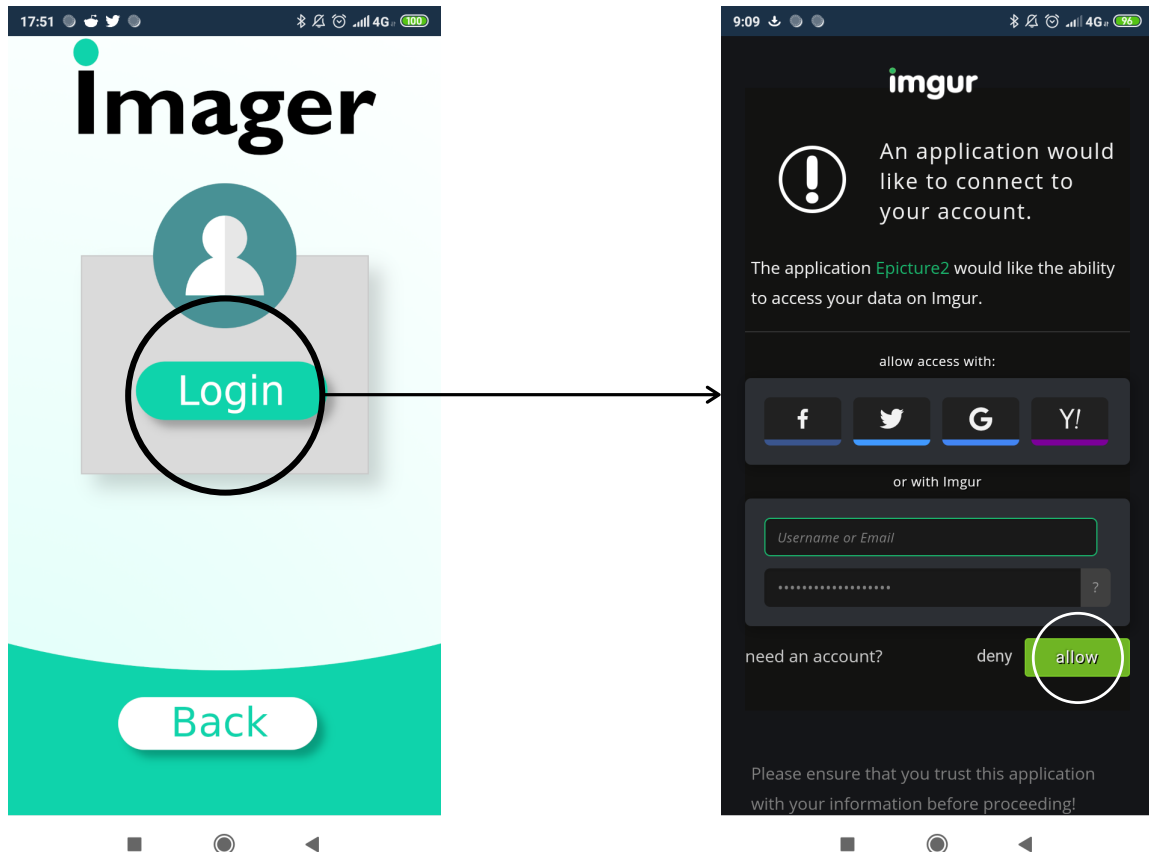
SEQUENCE DIAGRAM

Interfaces - Home Page/Login



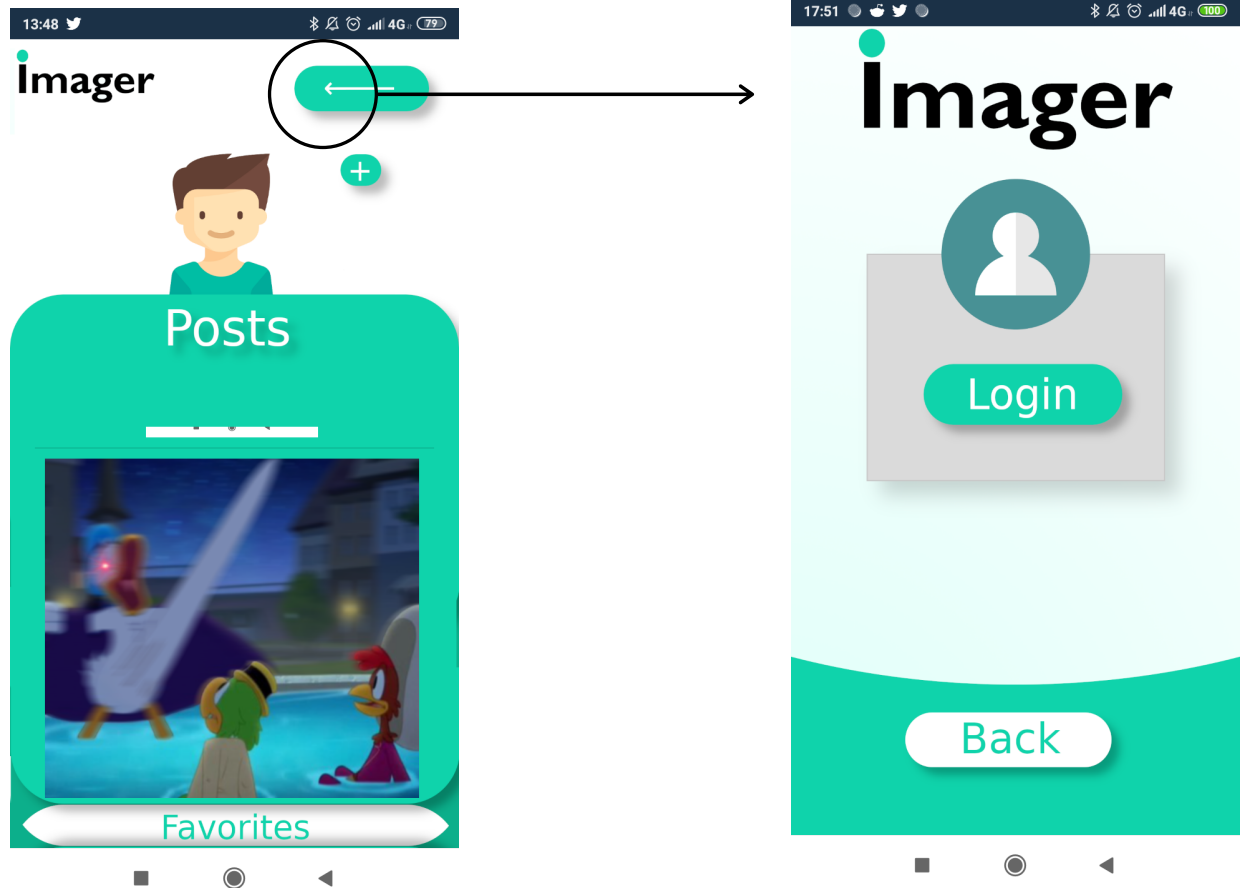
SEQUENCE DIAGRAM

Interfaces - Login



SEQUENCE DIAGRAM

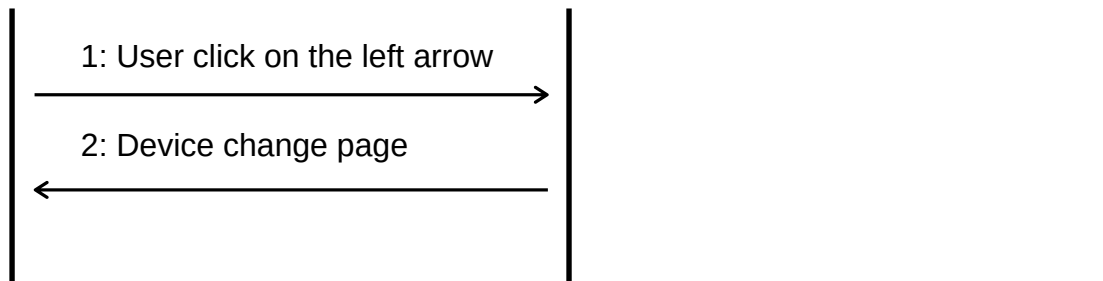
Interfaces - Login



User

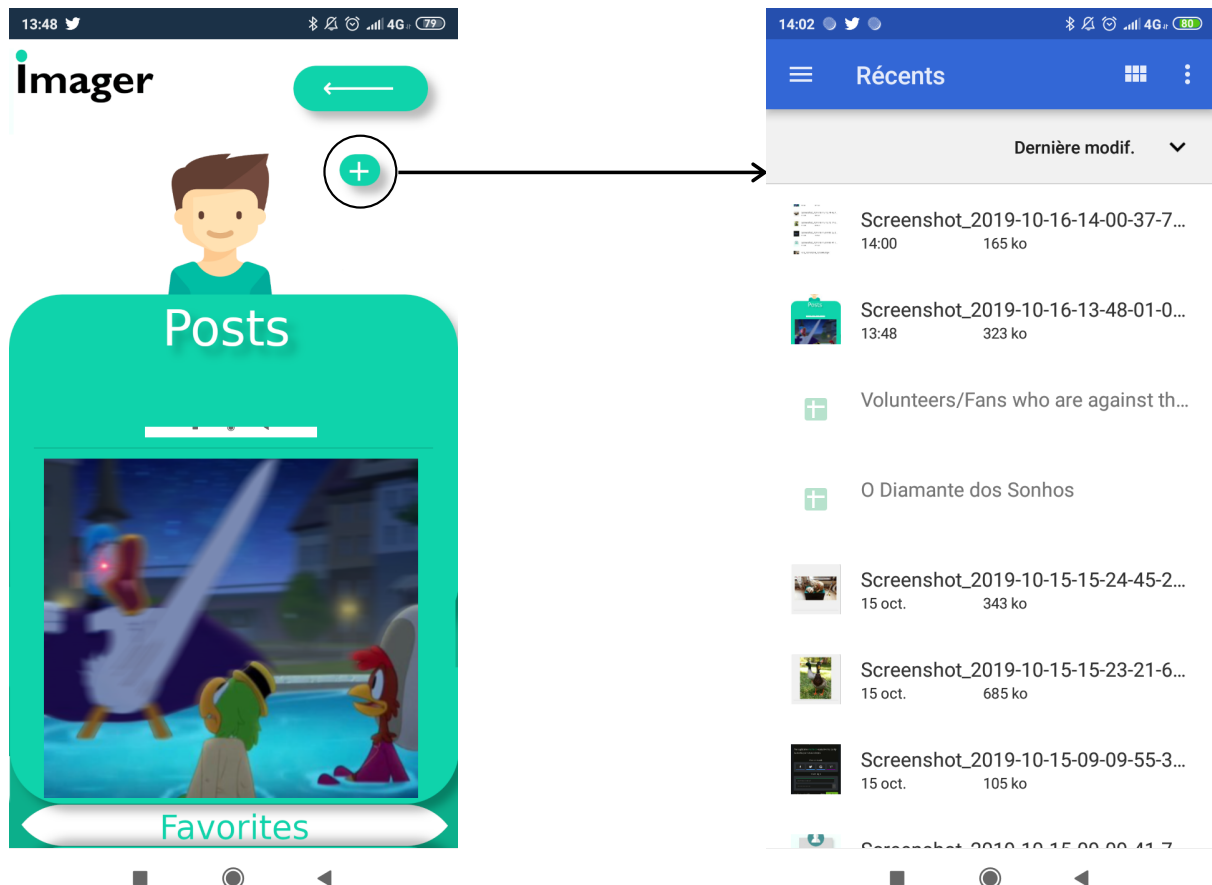
Device

Database



SEQUENCE DIAGRAM

Interfaces - Login

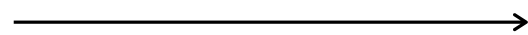


User

Device

Database

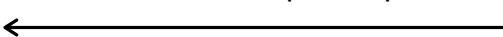
1: User click on more



2: Device access to phone picture



3: Database return phone picture



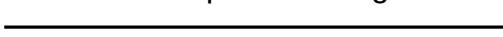
4: Device show picture



5: User choose a picture to upload



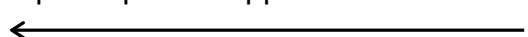
6: Picture is upload on imgur



7: List of uploaded picture change

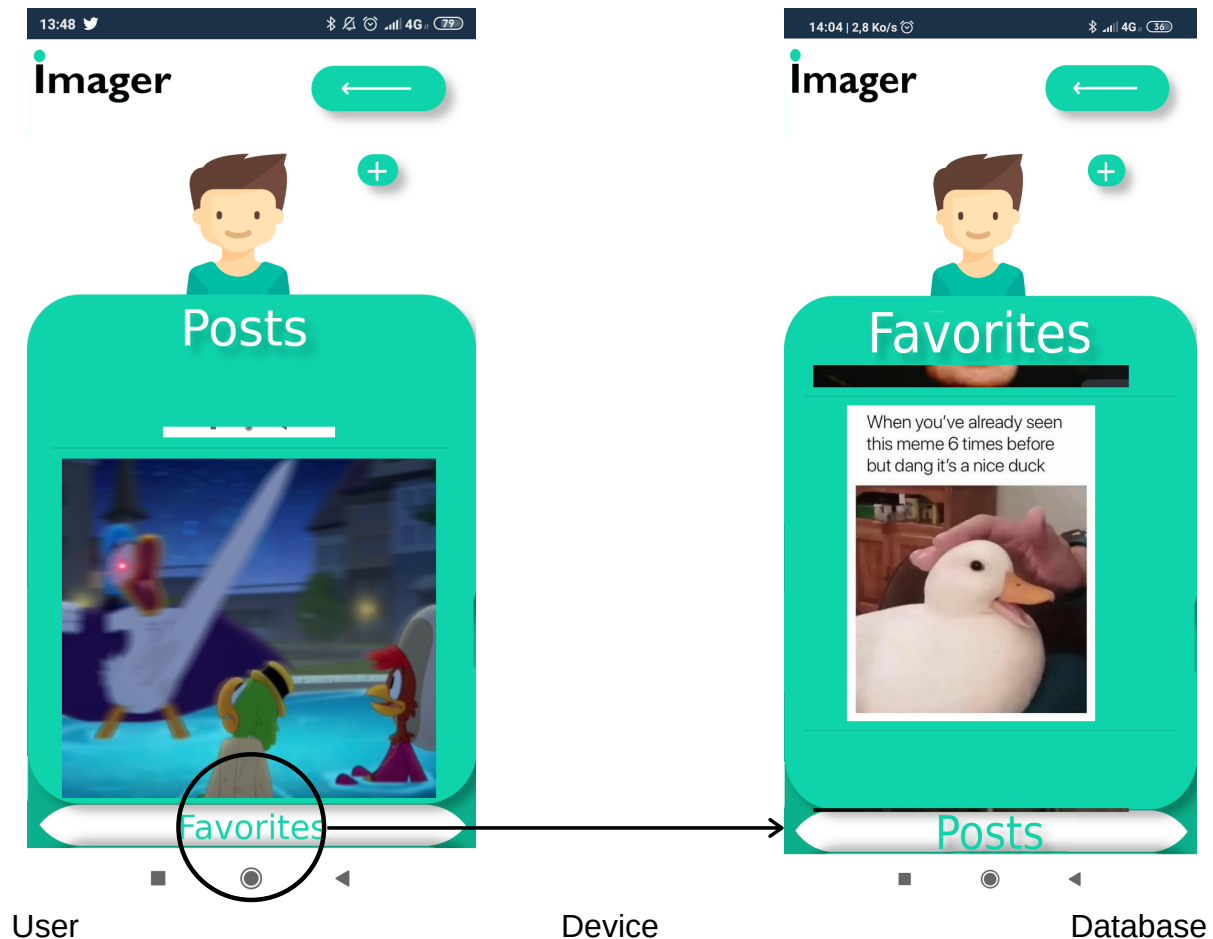


Upload picture appear on the screen



SEQUENCE DIAGRAM

Interfaces - Login



1: User click on favorite

2: Device search favorite picture

3: Database return list of favorite

4: Device show picture

5: User click on posts

2: Device search uploaded picture

3: Database return list of upload

Upload picture appear on the screen