Photo picker

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Agenda

What problem do we address?
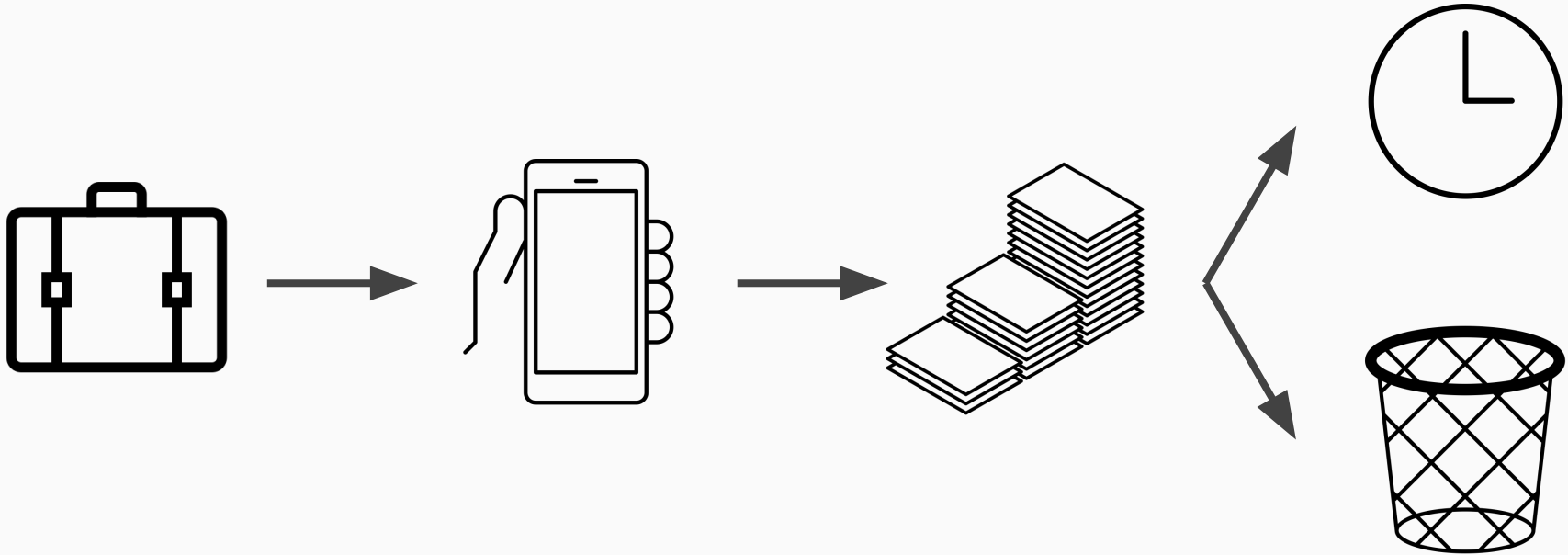
How do we address it?

Timeline overview
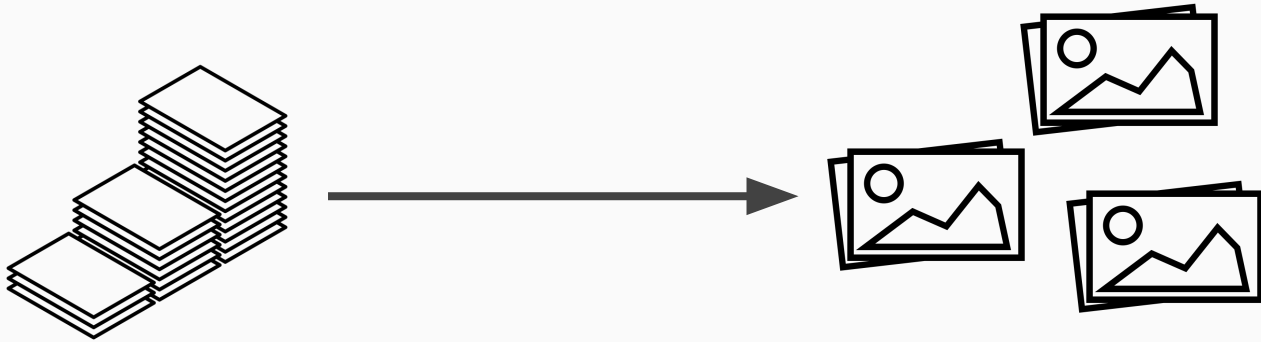
Screenshots from the app

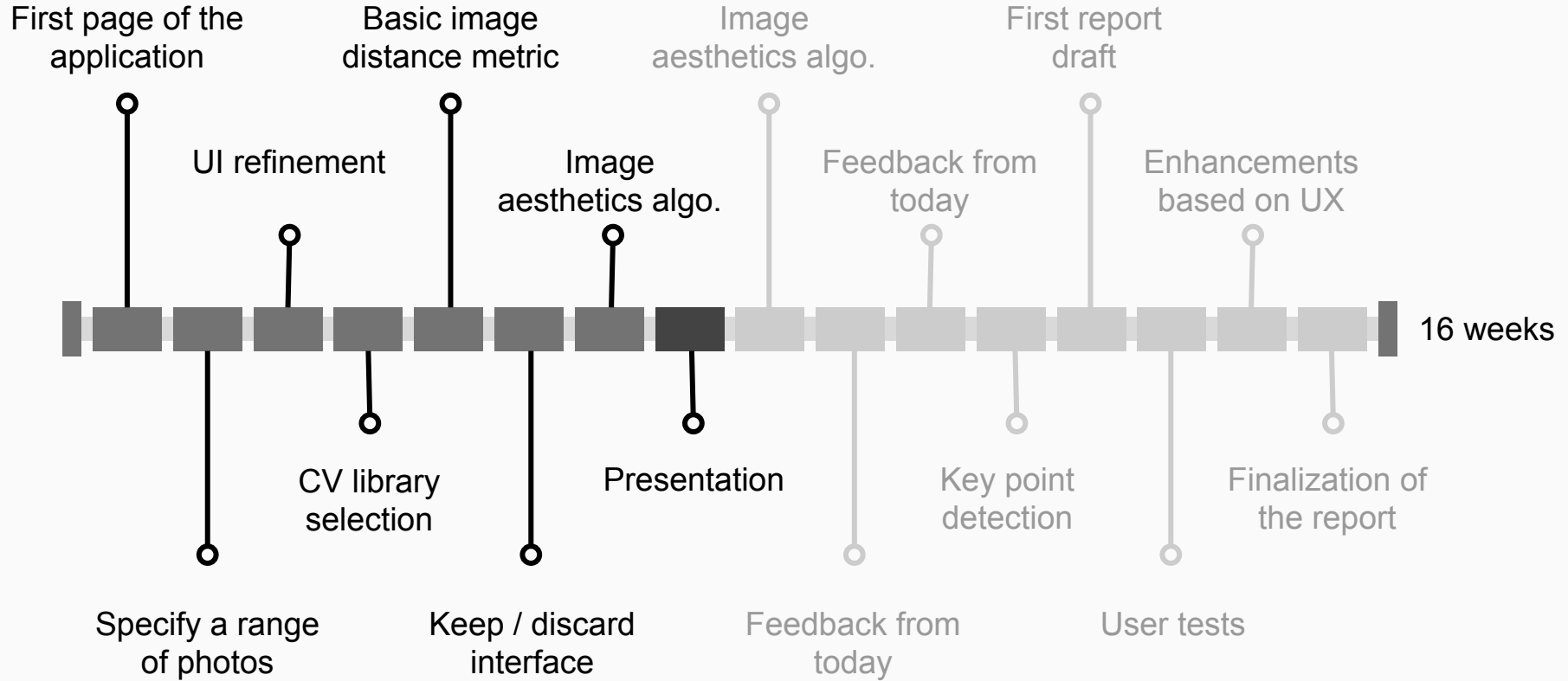Software architecture

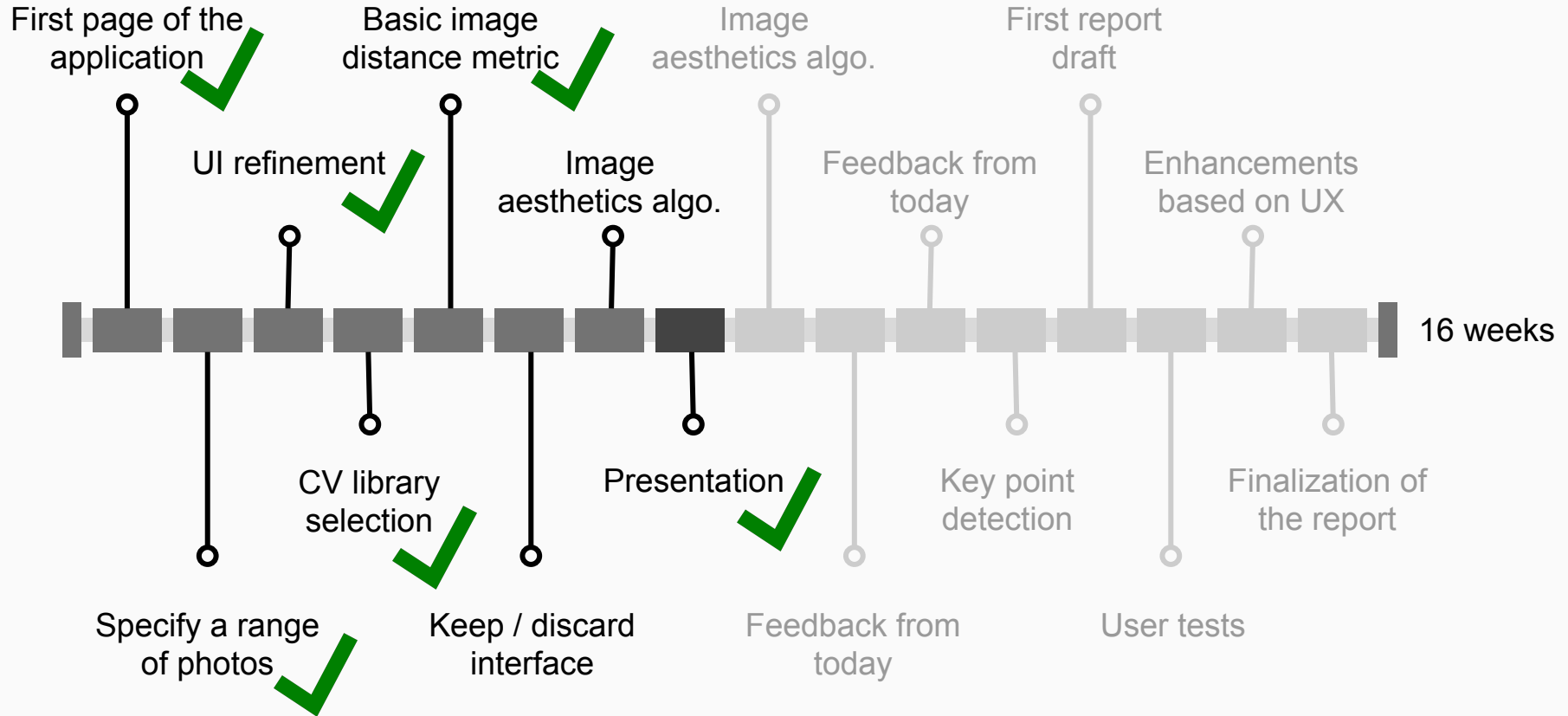# When going on vacation…

What is the photo picker?

How to do this?

1. Get all the pictures of the vacation
2. Apply a distance metric to all the pictures
3. Cluster them in different scenes
4. Detect for each scene which pictures are the best ones (optional)
5. Ask the user to keep or discard pictures from each scenes
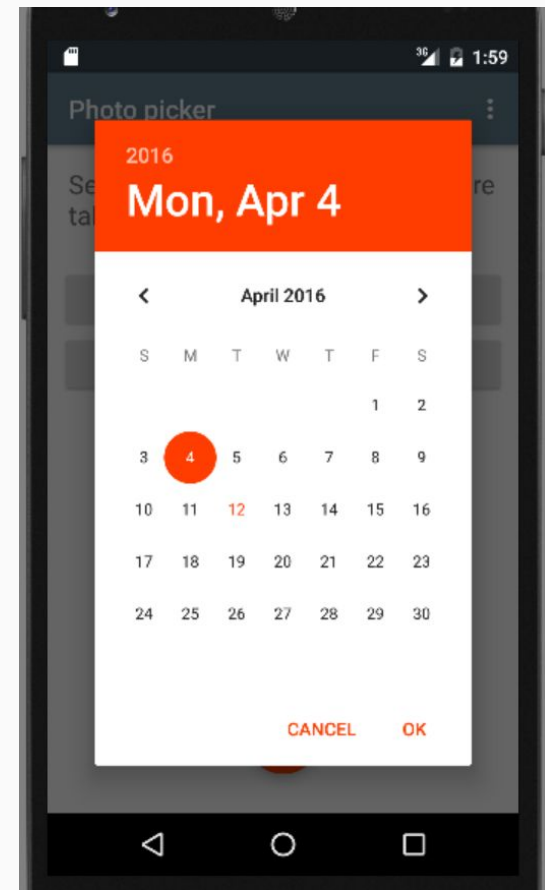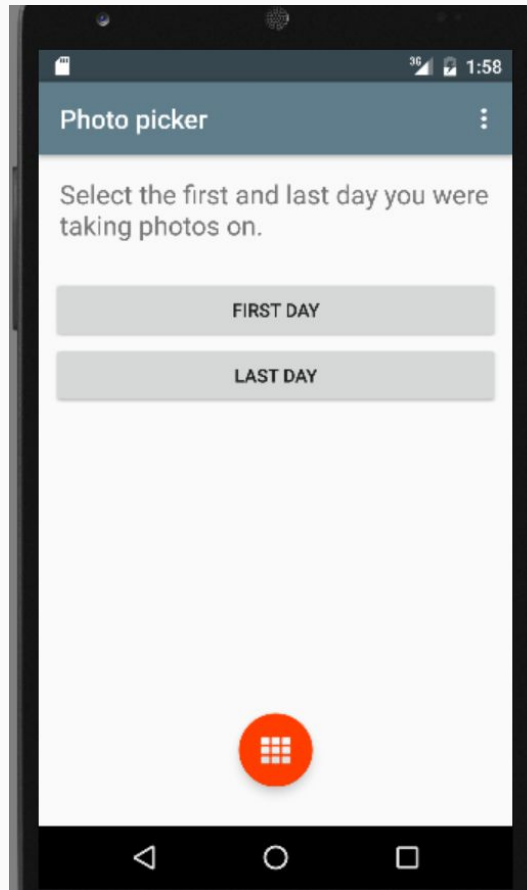6. Delete unwanted pictures or store them on another device

Timeline

First page of the application

Basic image distance metric

Image aesthetics algo.

First report draft

UI refinement

Image aesthetics algo.

Feedback from today

Enhancements based on UX

16 weeks

CV library selection

Presentation

Key point detection

Finalization of the report

Specify a range of photos

Keep / discard interface

Feedback from today

User tests

Timeline

First page of the application ✓

Basic image distance metric ✓

UI refinement ✓

Image aesthetics algo.

Image aesthetics algo.

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16 weeks

Specify a range of photos ✓

CV library selection

Keep / discard interface ✓

Presentation ✓

Feedback from today

Key point detection
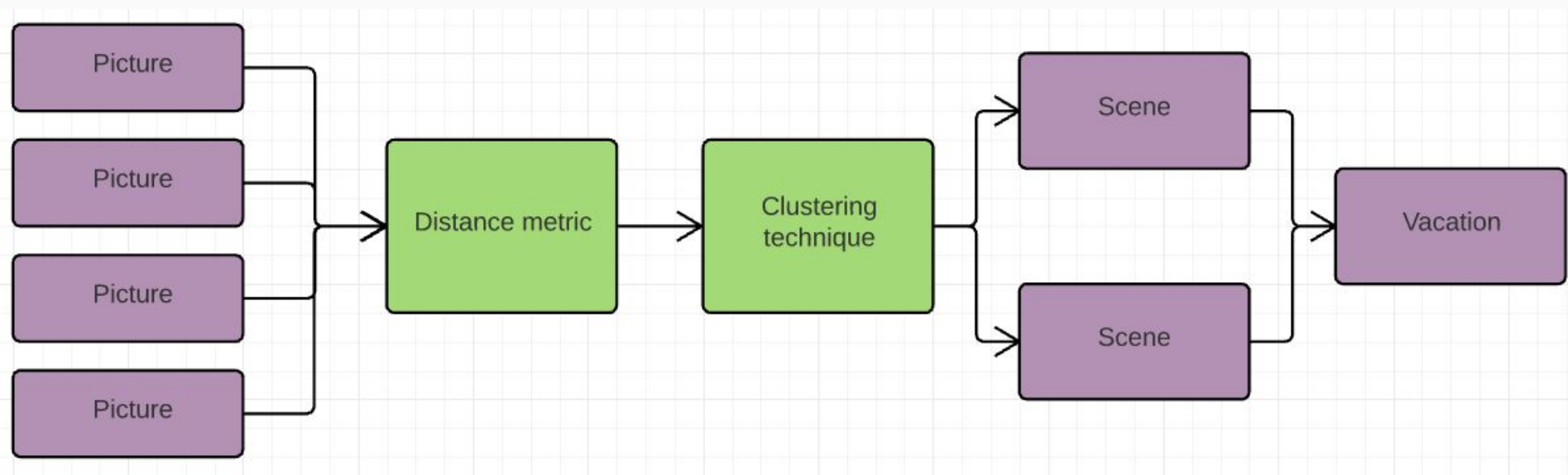
User tests

Finalization of the report
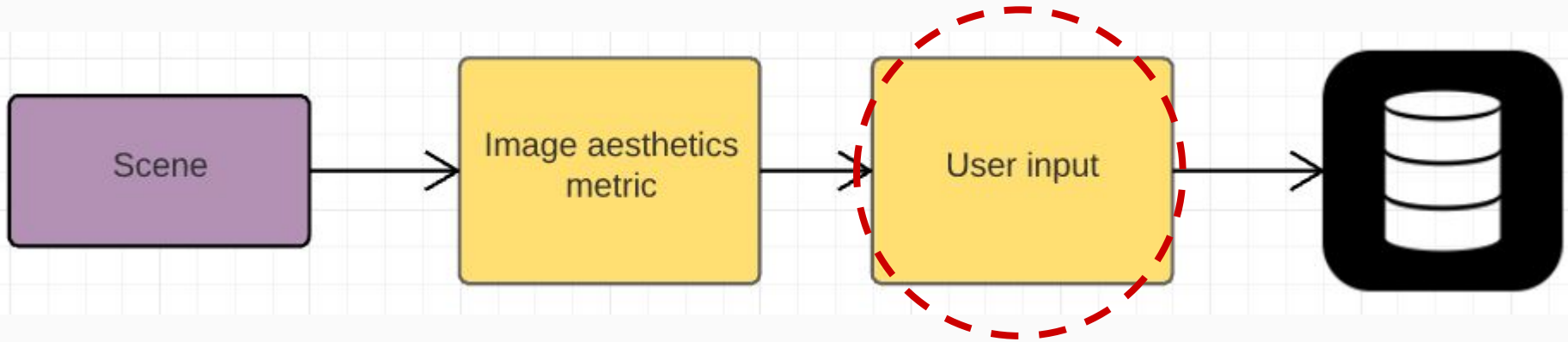
Some images from the app

1. The welcome screen of the app
2. The date picker dialog
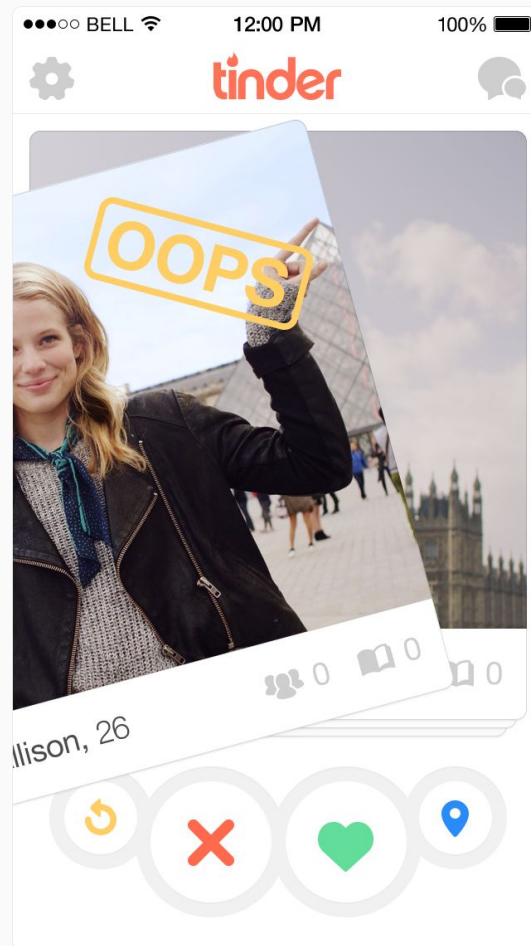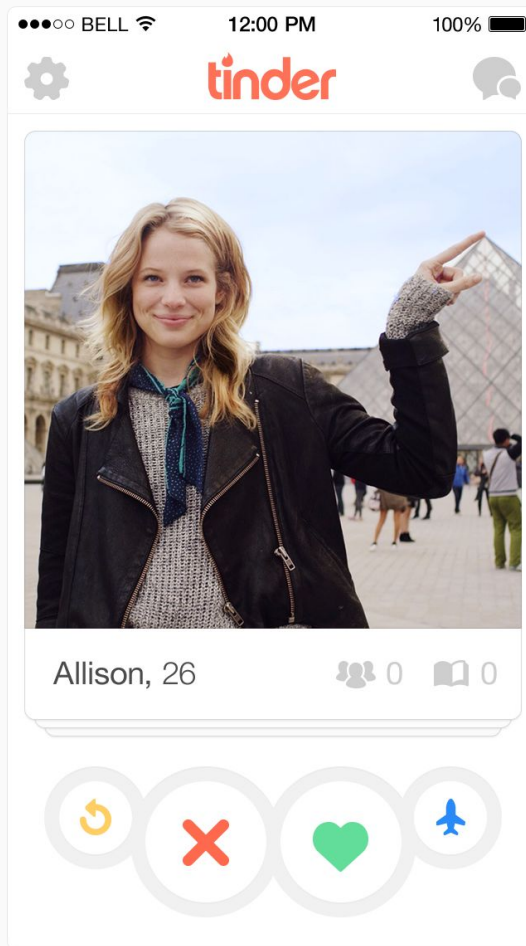
Software architecture

Software architecture

Keep / Discard interface

A Tinder-like interface where one swipes left or right to indicate that the picture is bad or good to her.

Thank you!

Icons credits:

Vacation - BraveBros
Phone - Jaap Knevel
Papers - Tony Michiels
Rubbish bin - Shirley Wu
Clock - misirlou
Gallery - João Paulo
                    from Noun Project

Questions?