

# Task for Mobile Engineer

## General

You would be kindly asked to create an application from scratch that meets the requirements listed in the following section.

## App Description

The application will use Home24 public API to load several articles from remote server and present them to the user one by one. User should mark the article as “liked” or “disliked” before another article will be presented. User will have a possibility to review his choices by pressing the relevant button.

## Start Screen

On first launch there should be a full size screen without any action bars containing single button with “Start” caption. When “Start” button is pressed, “Selection screen ” should be presented .

## Selection Screen

In selection screen user will be presented with the following elements:

- **Article image** – an image of article that user is currently rating
- **Like button** – user can press like button and next image will appear
- **Dislike button** - user can press like button and next image will appear
- **Liked Articles counter** – a text label with a simple number that counts the amount of article that user liked followed by total amount of articles. For example if user liked 3 images of total 10 images, the text will look like this: “3/10”
- **Review button** – When user presses this button he will be taken to the “*Review screen*”.

*Note! The review button should not be active until user rates all the articles !  
(The total amount of article should be easily configurable from your project.)*

Every time user likes or dislikes the article, a new article image should appear (with or without animation). If there is no more articles left, than relevant text or placeholder image should appear, to let the user know that no more articles are left.

User should be able to navigate to the previous screen at any time.

## Review Screen

User will be presented with all the articles he had to review as a collection of items.

This screen will contain 2 buttons on it. One button presents items as list view and the other presents items as a gridview. User can switch between views as many times as he like.

If user had already liked some items on previous screen, they should be marked in a special way (whatever way you like). When items are presented as a grid they should contain only images of the articles, but when they are presented as a list they should contain an image and a title of the article.

User should be able to navigate to the previous screen at any time.

## API

Request article data:

```
curl "https://api-mobile.home24.com/api/v1/articles?appDomain=1&locale=de_DE&limit=10"
```

SKU is unique identifier. "Media" collection holds article images (use first image).

## Graphic assets

There are no strong requirements to use any particular assets. Use whatever you like.

## Task Submission

You must upload your task to GitHub, Bitbucket or a similar service.

We will kindly ask you to erase your Github project after the interview process is over.

Please provide descriptive instructions in Readme.md file on how to run your project.

Any additional notes you want to share are welcome.

Keep in mind that you may be asked to extend your code during your onsite interview.

## Bonus points

- Clean and documented code
- Animations
- Usage of 3rd party libraries
- Native design

# ... Have fun and good luck! 😊