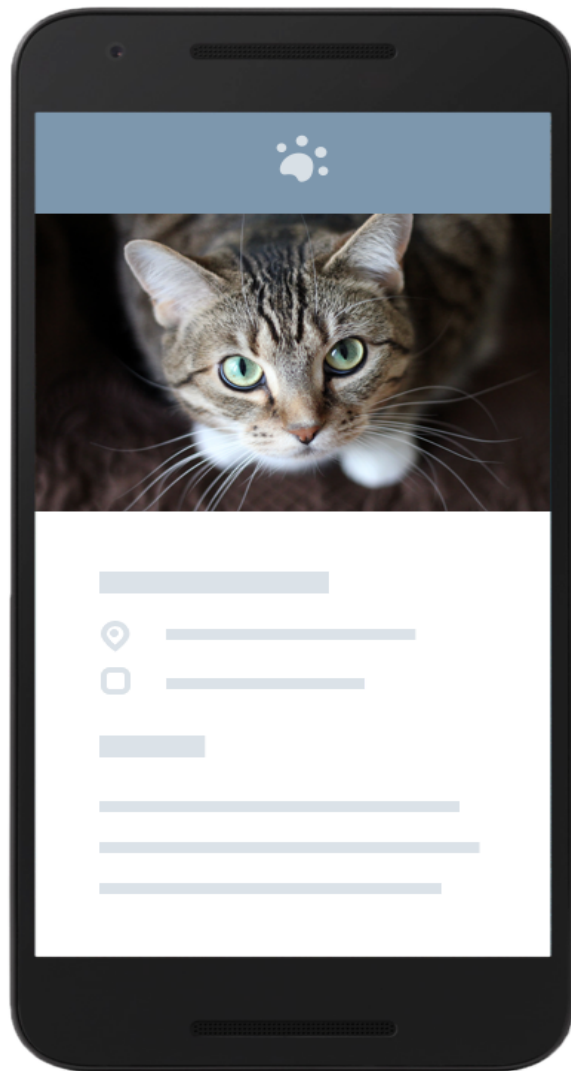


Build a Single Screen App

Project Overview

Design and implement a single screen app that displays information about a fictional small business. Think along the lines of your favorite coffeeshop, local restaurant, or that gem of a store that sells those rare comic books or records.



Suggested App Ideas

- Details about a small business in your neighborhood
 - Contact info and description about your workplace or school
 - Info about a special interest group (like a club or sports team) you're part of and how new members can sign up
-

Requirements

Your design must include:

- Business name
 - At least one photo representing the business
 - Two or more other pieces of information, such as:
 - Contact information for the business (eg phone number, email address, website)
 - Address of the Business
 - Description of business
 - Hours of operation
-

Build Your Project:

Create an XML document

To complete this project, you will need to create an XML document. We encourage you to use Android Studio to complete this part of the project, as it has auto-complete features for creating XML tags.

Include a ViewGroup

Be sure to include a ViewGroup (RelativeLayout or LinearLayout) and enough views (Image, Text, or Button views) to complete the project. Check your project against the rubric shown on the next page.

Project Rubric:

Content Review

CRITERIA	MEETS SPECIFICATIONS
Design includes all specified business criteria	<p>Your design must include:</p> <ul style="list-style-type: none">• Business name• At least one photo representing the business• Two or more other pieces of information, such as:<ul style="list-style-type: none">○ Contact information for the business (eg phone number, email address, website)○ Address of the Business○ Description of business○ Hours of operation

Functionality

CRITERIA	MEETS SPECIFICATIONS
Program compiles and runs on a phone	Program must function in Android Studio emulator and on a phone. Upon launching on a phone, the card appears.
Content does not appear "cut off"	Layout scales responsively for screen sizes in portrait mode, with no part of any images only partially visible. Student is not responsible for responsive design in landscape mode.

Code Review

CRITERIA	MEETS SPECIFICATIONS
At least one View Group is included	XML must include a Relative Layout and/or a Linear Layout
View Groups contain at least one image view and at least one text view	Must have one or more image views or text views.
Elements and Text on screen are in appropriate units	Elements are specified in dp, text is specified in sp.