

## **Home task - Unity Android mobile application**

If you are familiar with Unity and working with APIs, the estimated time for this task is less than 3 hours.

### **Description:**

Your task is to create a simple Android application that retrieves information from an API and shows it to the user.

See below (page 2) UI layout.

Field Name	Requirements
name	Protected (read only)
description	Can be change by the user <b>Bonus:</b> If the text is too long the text area will have a scrollbar.
QR Code	Show the image. The API returns image data in BASE64 encoding
color	The API returns color in hex (e.g. #FF00A1) , show the square in that color. <b>Bonus:</b> User can change the color with a color selector.
enable	If <code>true</code> turn it ON, if <code>false</code> turn it OFF <b>Bonus:</b> Can be switched ON or OFF by the user.

### **API technical details:**

URL: [https://pusbkbbia3.execute-api.us-east-1.amazonaws.com/default/get\\_cat](https://pusbkbbia3.execute-api.us-east-1.amazonaws.com/default/get_cat)

HTTP method: POST

Request body: JSON, `name` is a mandatory field and will hold developer nickname

### **Recommended steps:**

1. Implement the UI
2. Access the API and parse the response
3. Invoke calling API by pressing the "Get Cat" button
4. Combine the data from the API within the UI
5. Deal with the bonuses :-)

### **How to submit your solution? (pick one)**

1. Upload it to github (or other git service)
2. Upload to a web drive (like Google Drive) a zip file with all the sources and assets

Your solution will be built on our machine, so include everything we need to build it.

Please don't include unnecessary binary files.

If you have any questions regarding this task don't hesitate to ask.

**Good luck**



The image shows a mobile application interface for "Cat Details". At the top is a header bar with a light purple background, containing a back arrow icon on the left, the title "Cat Details" in the center, and a vertical ellipsis menu icon on the right. Below the header, the form is organized into sections. The first section is labeled "name" and contains a text input field. The second section is labeled "Description" and contains a larger text area. The third section is labeled "QR Code" and contains a large gray square placeholder. The fourth section is labeled "Color" and contains a small green square color picker. The fifth section is labeled "Enable" and contains a purple toggle switch that is currently turned on. At the bottom of the form is a large, rounded purple button labeled "Get Cat".

### Design Instructions:

Top bar and text area color: **#F2EDFC**

"Get Cat" button color: **#C9B0FB**

### Icons:

