



## PROJECT SPECIFICATION

**Make A Baking App****Common Project Requirements**

CRITERIA	MEETS SPECIFICATIONS
App is written solely in the Java Programming Language	App is written solely in the Java Programming Language
Submission must use stable release versions of all libraries, Gradle, and Android Studio. Debug/beta/canary versions are not acceptable.	App utilizes stable release versions of all libraries, Gradle, and Android Studio.

**General App Usage**

CRITERIA	MEETS SPECIFICATIONS

CRITERIA	MEETS SPECIFICATIONS
Display recipes	App should display recipes from provided network resource.
App Navigation	App should allow navigation between individual recipes and recipe steps.
Utilization of RecyclerView	App uses RecyclerView and can handle recipe steps that include videos or images.
App conforms to common standards found in the <a href="#">Android Nanodegree General Project Guidelines</a> .	App conforms to common standards found in the <a href="#">Android Nanodegree General Project Guidelines</a> .

## Components and Libraries

CRITERIA	MEETS SPECIFICATIONS
Master Detail Flow and Fragments	Application uses Master Detail Flow to display recipe steps and navigation between them.

CRITERIA	MEETS SPECIFICATIONS
Exoplayer(MediaPlayer) to display videos	Application uses Exoplayer to display videos.
Proper utilization of video assets	Application properly initializes and releases video assets when appropriate.
Proper network asset utilization	Application should properly retrieve media assets from the provided network links. It should properly handle network requests.
UI Testing	Application makes use of Espresso to test aspects of the UI.
Third-party libraries	Application sensibly utilizes a third-party library to enhance the app's features. That could be helper library to interface with ContentProviders if you choose to store the recipes, a UI binding library to avoid writing findViewById a bunch of times, or something similar.

### Homescreen Widget

CRITERIA	MEETS SPECIFICATIONS

CRITERIA	MEETS SPECIFICATIONS
Application has a companion homescreen widget.	Application has a companion homescreen widget.
Widget displays ingredient list for desired recipe.	Widget displays ingredient list for desired recipe.

---

[Student FAQ](#)