**Code Review for Lab 5, Group A – Pig Game with Eight-Sided Die**

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| --- | --- |
| Reviewer (Your name) |  |
| Developer (Person who wrote the code) |  |
| Date code was received from the developer |  |
| Date review was sent to the developer |  |

Instructions  
A reviewer will fill out the “Beta” column of this form for the developer. The developer will revise their code based on the review. After revising their code, the developer will fill out the “Release” column of this form to indicate what they have changed.

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| --- | --- | --- |
| ***UI*** | ***Beta*** | ***Release*** |
| Does your app have all the widgets shown in the UI sketch? |  |  |
| Is the root element of both the portrait and landscape layouts a FrameLayout? |  |  |
| Does the portrait layout use a RelativeLayout? |  |  |
| Does the landscape layout use nested LinearLayouts? |  |  |
| Does the layout switch between portrait and landscape correctly when the device (or emulator) is rotated? |  |  |
| ***Implementation*** | ***Beta*** | ***Release*** |
| Does it build without errors? |  |  |
| Is the game-play logic in a separate class? |  |  |
| Is the Random object instantiated when the main Activity class is instantiated? (Not in an event handler) |  |  |
| ***Functionality*** | ***Beta*** | ***Release*** |
| Does it run without crashing? |  |  |
| Are random images for an 8-sided die displayed when the roll button is clicked? |  |  |
| Is the user’s term ended automatically when they roll an 8? |  |  |
| Are turn scores and total scores calculated and displayed correctly? |  |  |
| Do both user’s get the same number of turns?  (Even if the first to roll reaches 100 first) |  |  |
| Does the app show who won after the last turn? |  |  |
| Are the rest of the game rules implemented correctly? |  |  |
|  |  |  |
| ***Programming practice and style for the whole solution*** | ***Beta*** | ***Release*** |
| Is proper indentation used? |  |  |
| Are the UI elements and the variables named descriptively? |  |  |
| Have any unnecessary lines of code or files been removed? |  |  |
| Are there explanatory comments in the code? |  |  |
| Do variable names use camelCase? |  |  |
| Are methods named using PascalCase (aka TitleCase) |  |  |
| Are named constants used (in ALL\_CAPS) instead of repeated literal constants? |  |  |
| Is the code DRY (no duplicated blocks of code)? |  |  |

Comments: