**Code Review for Lab 4 – Tide Prediction App Using a ListActivity  
Group A: Using custom objects in a list adapter derived from BaseAdapter**

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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 a ListActivity that uses the *TwoLineListItem* layout? |  |  |
| Are dates followed by days shown on the first line, and times followed by “High” or “Low” shown on the second line in each row of the ListView? (Each line is a separate TextView widget) |  |  |
| Is a toast popped up showing tide height when you click on a row? |  |  |
| Does your ListView have fast scrolling? |  |  |
| Does your ListView have section indexing based on the month? |  |  |
| ***Implementation*** | ***Beta*** | ***Release*** |
| Does it build without errors? |  |  |
| Is the tab-separated tide data file uploaded to the device’s Assets folder? |  |  |
| Are the tab-separated values parsed by the app? |  |  |
| Is there a custom list adapter class that inherits from BaseAdapter? |  |  |
| Does the list adapter use a List (or Array) of custom objects? (Custom objects will be instances of a class you define to hold info for one tide) |  |  |
| ***Functionality*** | ***Beta*** | ***Release*** |
| Does it run without crashing? |  |  |
| Are the right items shown for each indexer section title while scrolling? |  |  |
| Is the correct tide height shown in centimeters when you click a row? |  |  |
| Are all the tide predictions displayed properly for all days? (Be especially sure to check the first and last days of the year) |  |  |
| ***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: