**Code Review for Lab 4 – Tide Prediction App Using a ListActivity  
Group B: Using Dictionary objects in a list adapter derived from SimpleAdapter**

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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 *SimpleListItem2* layout? |  |  |
| Are days and dates shown on the first line, and times and “High” or “Low” shown on the second line in each row of the ListView? |  |  |
| 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 an XML tide data file uploaded to the device’s Assets folder? |  |  |
| Are the XML elements parsed by the app? |  |  |
| Is there a custom list adapter class that inherits from SimpleAdapter? |  |  |
| Does the list adapter use a List (or Array) of JavaDictionary objects? |  |  |
| ***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 feet when you click a row? |  |  |
| Are the tide predictions displayed properly for all days? (Be 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: