|  |  |
| --- | --- |
| 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*** |
| *First Activity* | | |
| Is there either a Spinner or a ListView for selecting the tide station location? |  |  |
| Is there a DatePicker for selecting the date? |  |  |
| Is there a button for showing the tide predictions? |  |  |
| *Second Activity* | | |
| Is there a ListView for showing the tide predictions? |  |  |
|  | | |
| ***Implementation*** | ***Beta*** | ***Release*** |
| *DAL* | | |
| Is there a separate Library project? |  |  |
| Does it build without errors? |  |  |
| Does it contain the SQLite.cs file? |  |  |
| Does it contain a data model for the SQLite.NET ORM containing properties for:   * A primary key (could be a sequential int ID, or it could be the Date + Time) * Date and Time (using a long int to represent Ticks, but neither DateTime, nor String) * High or Low * Height (in either ft., cm or both) |  |  |
| *Console App* | | |
| Is there a separate Console project? |  |  |
| Does it build without errors? |  |  |
| Does it parse at least 3 tide prediction files you downloaded from NOAA? |  |  |
| Does it put the tide predictions into an SQLite database file? |  |  |
| *Android App* | | |
| Is there a separate Android project? |  |  |
| Does it build without errors? |  |  |
| Is the SQLite database file copied from the Assets folder to an appropriate location? |  |  |
| *First Activity*: Are the Location and Date sent in an intent to the second activity? |  |  |
| *Second Activity*: Does it query the database for tide information based on:   * Location * Date |  |  |

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| ***Functionality*** | ***Beta*** | ***Release*** |
| Does it run without crashing? |  |  |
| Is the User able to select any of the three or more locations? |  |  |
| Is the User able to select any date for this year? |  |  |
| Is the second Activity launched when the user clicks the “Show Predictions” button? |  |  |
| Are the tide predictions shown for the location selected by the user? |  |  |
| Are all the tides shown for the day selected by the user (2 or 3 low and 2 or 3 high)? |  |  |
| Is all the required tide information shown for each tide? |  |  |
| Dos everything else work 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: