|  |  |
| --- | --- |
| Developer (person who wrote the code) |  |
| Developer’s assignment group (A, B, or C) |  |
| Reviewer |  |
| Date |  |

Instructions  
A reviewer will fill out the “Beta” column of this form for the developer. (The reviewer will need a copy of the developer’s lab instructions.) Next, 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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| **Part 1 – SQLite stock application** | | |
| **Criteria** | ***Beta*** | ***Release*** |
| Is there a document containing screen-shots of the app running? |  |  |
| From the screen-shots, is it apparent that the app ran correctly? |  |  |
| Comments: |  |  |

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| **Part 2, All Assignment Groups: Tide Prediction App** | | |
| ***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? |  |  |

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| **Part 2, All Assignment Groups—Continued** | | |
|  | | |
| ***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 (using a number or text) * Time * 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 |  |  |
| *Comments:* |  |  |

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| **Part 2, Group A: Tide Prediction App** | | | |
| ***Requirements for Assignment Group A*** | ***Beta*** | ***Release*** |
| Is the data parsed from a tab separated value file? |  |  |
| Is the time stored in the database in a string field? |  |  |
| Is the date stored in a separate field as a string? |  |  |
| Is time displayed in 12-hour format with am/pm? |  |  |
| Is tide height displayed in cm? |  |  |
| *Comments:* |  |  |

***Complete the Programming Practiced and Style section on the last page***

|  |  |  |
| --- | --- | --- |
| **Part 2, Group B: Tide Prediction App** | | |
| ***Requirements for Assignment Group B*** | ***Beta*** | ***Release*** |
| Is the data parsed from an XML file? |  |  |
| Are the date and time stored as ticks in the database in a single integer type field? |  |  |
| Is time displayed in 12-hour format with am/pm? |  |  |
| Is tide height displayed in feet? |  |  |
| ***Comments:*** |  |  |

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| **Part 2, Group C: Tide Prediction App** | | | |
| ***Requirements for Assignment Group C*** | ***Beta*** | ***Release*** |
| Is the data parsed from a tab separated value file? |  |  |
| Is the time stored in the database in a string field? |  |  |
| Is the date stored in a separate field as a string? |  |  |
| Is time displayed in 24-hour format? |  |  |
| Is tide height displayed in inches? |  |  |
| ***Comments:*** |  |  |

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| --- | --- | --- |
| ***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)? |  |  |
| Is any computational logic in its own class (separated from the UI code)? |  |  |
| Comments: |  |  |