Criterion B: Record of Tasks

| Task Number | Planned Action | Planned Outcome | Time estimated | Target Completion Date | Criterion |
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| 1 | Meet Client | Determined the problem the client has and started to devise the product's capabilities (Refer to Document A in Appendix for what the client wanted to see). | 0.5 hours | 2/1 | A |
| 2 | Work on Criterion A | Written out the plan in Criterion A and double-checked with client to make sure all of the necessary features will be included and considered. | 1 hour | 2/5 | A |
| 3 | Plan out the Flowchart for the application | Created flowcharts as the basic outline for the application. | 2.5 hours | 2/8 | B |
| 4 | Create the base class of the app | Start the researching and exploring how Android differs from NetBeans and start to understand how Android applications work. | 1 hour | 2/10 | C |
| 5 | Create the side navigational menu | The side navigational menu will allow the user to access options with a menu that isn't the basic hamburger menu. | 2 hours | 2/13 | C |
| 6 | Brainstorm possible UML diagram format | Note that the UML diagram may change and update until the end. However, starting with the initial associations can help identify the relationships between classes. | 2 hours | 2/20 | B |
| 7 | Brainstorm tests for success criteria | Brainstorming tests for success criteria will ensure that the final product will not have any bugs for the user's expected product. | 2 hours | 2/25 | B |
| 8 | Get Git working for version control | Using Git for version control allows me to upload my code up into Github whenever I add a feature so I can go back to it if I ever encounter a bug. | 1 hour | 2/27 | C |
| 9 | Created a ListView in the main class | The initial creation of the ListView will allow events to be displayed on it—preferably vertically. | 1 hour | 3/2 | C |
| 10 | Create the base building block of the app - eventBlock | Create the eventBlock object and provide it with private variables and getters/setters to store information in the object. | 1 hour | 3/2 | C |
| 11 | Research and Implement SQLite database | Research how to create a SQLite database and how to interact with it so the eventBlocks can be stored in it. | 4 hours | 3/4 | C |

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| 12 | Created DBHelper and EventRepo | Created EventRepo class which is able to communicate with the DBHelper | 3 hours | 3/5 | C |
| 13 | Create the Log-In and Sign-Up activites/classes | Create the Log-In and Sign-Up activities to get the rough outline of the application's design going. | 1 hour | 3/12 | C |
| 14 | Research how JSON works and how to implement it for the LogIn/SignUp classes | Implementing JSON into the LogIn and SignUp will allow users to save data onto the file and fetch it whenever they try to log-in. | 3 hours | 3/12 | C |
| 15 | setUserEventList() method is created | Big method that will grab only user-specific data from the SQLite data using query commands. | 2 hours | 3/13 | C |
| 16 | Add Event activity/class is created | Allows the user to add events into the database! | 3 hours | 3/14 | C |
| 17 | Update Criterion B | I veered off the design path and need to update my thinking with the more recent knowledge and observations. | 1 hour | 3/15 | B |
| 18 | Implemented Update and Delete Events | Allows the user to update or delete the events! Also refreshes the CalenderView and the ListView | 3 hours | 3/16 | C |
| 19 | Write Criterion C: development | Write Criterion C and then fix some bugs in the code. | 3 hours | 3/18 | C |
| 20 | Talk with Client and reveal the application | Then use the feedback in Criterion E. | 1 hour | 3/19 | E |
| 21 | Write Criterion E: Reflection | Write Criterion E and reflect based off of the client's opinion of the final product and my own opinion. | 1 hour | 3/20 | E |
| 22 | Final push up to Git | Comment, clean up code, and push the final product up into Git | 1 hour | 3/20 | C |
| 23 | Record Criterion D: The Demonstration Video | Record the demonstration video and get ready to prepare the files for turn-in. | 1 hour | 3/20 | D |
| 24 | Turn in IA | Turn in the Internal Assessment and take a long exhale. | 0.25 hours | 3/21 | All |

**Total Hours: 41.25 hours**