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| **Part 3 – Software Implementation Second-Version Checklist** | | | |
| **Tasks** | | **Time On Task**  **(in minutes)** | **Filename & Line Numbers Where This Is Implemented** |
| **Proposal Requirements:** | |  |  |
| Updated proposal as needed. | |  |  |
| Software Functions as Described (it works) | |  | n/a |
| Updated Software to Include: | |  |  |
| Improvements based on feedback from other students |  |  |
| Code is optimized for efficiency |  |  |
| Contains a GUI interface (unless waiver approved by instructor.) | 250 | Home-view.fxml  New-project-view.fxml  Project-view.fxml |
| Implements a programmer defined exception |  |  |
| Uses try/catch blocks with exception created |  |  |
| Made improvements to text file usage |  |  |
| Retain control structures from previous version of the software |  |  |
| Retain data structures (classes/arrays/etc) from previous version of the software |  |  |
| Retain and Improve Class Hierarchy |  |  |
| Class Hierarchy includes Polymorphism |  |  |
| Submitted in a zip file with all materials using instructions on the link provided in Blackboard | |  | n/a |
| **Walkthrough Requirements:** | |  |  |
| Post in the Walkthrough Discussion Forum for this part of the project. | |  | n/a |
| Used feedback to make improvements from posts. What and where? | |  |  |

Write a short essay/entry to complete each of the following prompts.

**Crystal Clear: (What went well with Part 2?):**

* I quickly fetched the data from the JSON file and uploaded it to the project list UI since I have some experience with JavaScript.
* I made the form to upload the data of the new project to the JSON file.
* I have applied a simple CRUD operation using org.json package.

**Muddy Waters: (With what did you have difficulty in Part 2?):**

* The major problem was the Kanban board.
* It was so hard to fetch data according to their project status and display them on the Kanban board.
* I am still working on changing the status of the project permanently when it is moved to another status in UI
* I am still working on the Update part of CRUD(Create Read Update Delete)