**Project Plan**

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**1: Introduction**

*This app provides an Android user with information on their battery usage. The app offers a list of apps using battery power, a graphical view of battery usage, and push notifications.*

**2: Process Description**

*The project was broken up into 3 main phases: design, development, finishing touches/testing. In the design phase, a design document was created along with wireframes to display what the UI might look like. The development phase consisted of coding the features that fulfilled the requirements and followed through with the design. The testing phase followed a testing document to ensure functional correctness.*

**3: Team**

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| **Team Member** | **Role** |
| Noah Zhang | Project Manager |
| Shang Wang | Tester |
| Siegfred Madeghe | Developer |
| Lucas Loaiza | Developer |

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| **Role** | **Description** |
| Developer | Implemented the code, conducted unit testing, etc. |
| Tester | Aided in implementation of features, headed testing efforts |
| Project Manager | Plan meetings, write reports, aid with coding |

**4: Project Timeline and Milestones**

Week of Nov. 23 - Nov. 29 (**Design Phase**)

* Lucas/Shang/Siegfred: Put together product design as well as UI
* Noah: get Github access for everyone, help with design, set up kanban board

Week of Nov. 30 - Dec. 6 (**Development phase**)

* Lucas + Siegfred: Get database + battery API under control, ideally other main components if they are more difficult to implement, start integrating components
* Noah + Shang: Start implementing front end, app design

Week of Dec. 7 - Dec. 13 (**Development phase, Testing**)

* Lucas + Siegfred: Finish putting together back-end, debug and polish
* Noah + Shang: Debugging front end and linking to backend

Week of Dec. 14 - Dec. 16 (**Finishing touch, presentation phase**)

* Lucas + Noah + Shang + Siegfred: Make slides that we’re all responsible for, finish presentation