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CIT360 Project Proposal

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Thinking of what I could do for this project, I thought of a previous PHP project I did. In that project, I created a contact manager that worked with a MySQL backend. I think it would be wonderful to meet some of the same use cases but with a different technology and method in Java. Simple Contact Management will be a web accessible contact management application.

The Simple Contact Management application will allow a user to

1. Add a contact.
2. Edit a contact.
3. Delete a contact.
4. Access all of this functionality on an Android phones webview interface.

This program will initially be designed to be simple, providing the core functionality. Other functionality could be added in the future, if there is time for an additional sprint to complete another task. The program will use the following code topics from this semester:

1. The application will use a Model-View-Controller (MVC) pattern.
2. Hibernate will be used to communicate with the MySQL database.
3. Each JSP will use a servlet to communicate with the web server and update the interface.
4. JUnit Tests will be used to ensure functions are operating properly.
5. System Level Tests will be written to determine if the application is functional
6. A Use Case Diagram, Use Case Document, State Diagram, and Sequence Diagram will be created to document the use cases, classes, and flow of the application.
7. Omissions. Some code topics have been omitted that were not part of the core required ones for this assignment and I was unable to find a use for. If I can find a use for them during the creation of the program, I will utilize them.

