**DAILY UPDATES**

Dec 23rd/2020:

* Created a git repo for the project
* Sent an email to Kishore and Hardik with a link to the repo
* Downloaded all frameworks (Groovy and Grails)
* Made sure frameworks works on laptop
* Read up on framework
* TO DO FOR TOMORROW:
  + Implement the framework and start creating the database

Dec 24th/2020:

* Had issues running grails on IntelliJ
  + Fixed by downgrading jdk from jdk 14 to jdk 11
* Created a grail web application
  + Which is just a user file (Still need to complete it)
* Learned different grails commands from doc.grails.org
* Was able to launch application on local host
* TO DO FOR TOMORROW:
  + Learn groovy language
  + Finish userController.groovy file

Dec 25th/2020:

* Worked on Controller
* Started to set up the layout of the web page
* Created Address form and worked the layout of it
* TO DO TOMORROW:
  + Finish the address form
  + Make sure the user can add/edit/delete/update the list

Dec 26th/2020:

* Worked on Controller/Service
* Made sure the add/edit/delete/update works
* Learned grails commands while implementing in the project
* Learned how to implement MySQL in Grails
* TO DO TOMORROW:
  + Make sure save works and is able to save to the database
  + Clean up web page to make it looks clean/user friendly
  + Implement MySQL database

Dec 27th/2020:

* Worked on cleaning up the webpage
* Worked on implementing the database
* Had issues on launching the project to the server through terminal
  + Have fixed it
* Learned more gsp/groovy language
* Learned more on how to implement MYSQL
* TO DO TOMORROW:
  + Make sure the web page works
  + Make sure the database works
  + Make sure project is able to launch after pulling from github
  + Start cleaning up project

Dec 28th/2020:

* Made sure all the functions are working correctly
* Implemented MYSQL database
  + Made sure that the data was being saved on the database
* Cleaned up the git repo
* Cleaned up the project
* Learning proper source documentation for grails, groovy and gsp
* TO DO TOMORROW:
  + Finish the source documentation by 10 am
  + Submit the project and email Kishore and Hardik with the updated link to the repository

Dec 29th/2020:

* Finished documenting project
* Cleaned up project
* Updated README file

Jan 1st/2021:

* Researched on HTML UI
* Looked up the 10 most popular open source front-end UI Web UI Kits
  + <https://speckyboy.com/open-source-front-end-ui-kits/>
  + <https://opensource.com/article/20/4/open-source-css-frameworks>
* The open sources that I had looked into were based on the sources provided on the links above
  + <https://get.foundation/>
  + <https://getbootstrap.com/>
  + <http://getskeleton.com/>
* I had two ways that I can go one was to implement the one of the open sources and the second one was to create my own design which I would think is the user friendly using css and html and implanting Font Awesome for icons
* I had also watched a YouTube video on creating a simple form using css and html
  + <https://www.youtube.com/watch?v=-sMXE7E3R3M&ab_channel=RaviWeb>

Jan 2nd/2021:

* Worked on redesigning the web page
* Looked for HTML UI for the designs
* Worked on error messages
* Changed unique for each category in the form
* TO DO TOMORROW:
  + Complete implementing error messages
  + Continue to work on redesign of the web page

Jan 3rd/2021:

* Worked on redesigning the web page
* Worked on displaying error messages
* Fixed to allow duplicate entry to the MYSQL database
* Had issues creating UI for the table
  + Fixed the issue
* Made sure that it was still able to save after changing the unique key for each category was change yesterday from true to false
* TO DO TOMORROW:
  + Continue to work on displaying error messages
    - Complete this by tomorrow evening
  + Continue to work on designing the web page

Jan 4th/2021:

* Completed displaying error messages
* Fixed issues not saving to database due to an error in PersonService file
* Fixed issues not updating list to database due to an error in PersonService file
* Worked on layout of the webpage
* Implemented icons for certain feature on the webpage
* Made the list view, create view, edit/update view user friendly
* Cleaned up git repo
  + Removed unnecessary files from the repo
* TO DO TOMORROW:
  + Clean up webpage
  + Clean up code
  + Update READEME.md
  + Finish documenting the project

Jan 5th/2021:

* Cleaned up Web Page
* Cleaned up project
* Removed unnecessary files from the repo
* Documented the project