#GROUP
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Design Document:

Repository Link: https://github.com/rmit-s3680439-brion-pereira/Adv-assignment2.git

1. Explain the changes if you use a different design compared to your assignment 1.
Answer: The design for assignment 1 used console interface to interact with the user. In assignment 2, a Java Swing interface has been implemented to interact with the user. We decided to use Java Swing because we had done project using Java Swing in Software Engineering course and we were more familiar with Swing. We have GUIMiniNet class which has GUI implementation along with the ActionEvent and the PersonDao has the method which are called in ActionEvent.

2. Explain how the new classes are organised.
Answer: GUIMiniNet class has implementation of GUI whereas the PersonDao has the method to interact with the data which are called using the Action Event in GUIMiniNet Class.

3. Explain the process by which your program will interact with the external datasource to run the program.
Answer: In the program, user can direct interact with the HSQLDB database through GUI, user can add in social network , view their profile, delete the profile. In the game, find out the parent or children if exist then show the profile. If not exist then show message, not found. Database connection and the regex has been implemented in PersonDao.

Please Note: Code complies fine in Eclipse. In order to compile to code through the command line, we need to make changes in the PersonDao.java, we need to set the absolute path to read people.txt and relation.txt.
1) To read people.txt
Actual:
BufferedReader br = new BufferedReader(new FileReader(newFile("src/people.txt")));

After setting the path:
Eg:
BufferedReader br = new BufferedReader(new FileReader(newFile("/Users/brion/Desktop/brion/Adv-assignment2/src/people.txt")));

2) To upload photos from the directory:

Actual:
File file = new Filephotos/" + data[1].trim());

After setting the path:
Eg:
File file = new File("/Users/brion/Desktop/brion/Adv-assignment2/photos/" + data[1].trim());

3) **To read the relation.txt file**
   Actual: br = new BufferedReader(new FileReader(new File("src/relation.txt")));

   After setting the path:
   Eg:
   br = new BufferedReader(new FileReader(new File("/Users/brion/Desktop/brion/Adv-assignment2/src/relation.txt")));

   After making the changes in the PersonDao.java run the following commands:
   In src folder:

   >> javac -cp .:hsqldb-2.3.4.jar -Xlint MiniNet.java
   >> java -cp .:hsqldb-2.3.4.jar MiniNet