Project Two Brainstorming

* Topic/Goal:
  + Banking Application
    - C.R.U.D. Operations
    - Customer Service Bot
      * Assists customers with answering general question and redirecting around the website to the appropriate place based on keywords that the user inputs into the section
    - Users will have different positions/actions depending on their role type in the application
      * Base users will be able to access their accounts and the general features of the application
      * Admin users will be able to view user accounts and manage approval requests
    - Users can apply for a Credit Card and a Loan
      * Admin/bank manager must approve this request before it will show the change on the user’s account page
      * Similar to how we did Project 1 TRMS Form approval
    - Withdraw/Deposit/Transfer
    - Login/Register
* Required Things:
  + User Interaction (more than just read/view information)
    - Include the C.R.U.D. operations at minimum, then add extra features
  + Different permissions for different users (need a Login system similar to Project 1)
  + Have the backend portion of the application be split into two parts
    - One should be in Python
    - One should be in Java
  + Have one frontend portion of the application
    - Calls to both of the backend portions
  + Outline all the user stories for this application (features that Users can do)
    - Organize (most important to least important) – top to bottom
    - Draw “line” between stories and group into 3 sections
      * First is MVP (barebone must haves)
      * Second is everything we would like to complete in timeframe
      * Third is all the Stretch Goals (everything extra that could add)
    - Emailed to Ryan\*
  + Collaborative on database work
    - How things are connected
  + Practice some behavior driven development packages
    - Create Feature Files for all the user stores (at least the first and second sections)
    - Have before any code is written
    - Could add step implications if (not required)
    - For testing the UI functionality
    - Some in Java and others in Python
  + Pair Programing used to code this application (every aspect) – required
    - Rotational responsibility