# REQUIREMENTS DOCUMENT

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| **Date Submitted:** | Due Date of Assignment  **3/20** |
| **Application Title:** | Name of Program  **Hickman\_exam3** |
| **Purpose:** | Create a dictionary that keeps names and email addresses as key-value pairs. Allow user to choose from a menu to look up, add new, change, delete, or display key-value pairs in said dictionary, or exit the program. |
| **Program Procedures:** | 1. **Run the program, display the menu for the user.** 2. **Allow the user to choose from the menu, options 1-6.** 1. Look up email address. 2. Add a new name and email address. 3. Change an existing email address. 4. Delete an existing name and email address. 5. Display a list of all names and email addresses. 6. Exit the program. 3. **Follow through with those options for the user.** 4. **Exit the program.** |
| **Algorithms, Processing, and Conditions:** | 1. **Create a list of global constants to use as menu items.** 2. **Menu function should print the full menu for the user to see and ask for the users input.** 3. **Define the functions for each menu option: lookup, add new, change, delete, display, and quit.** 4. **The main function should create the dictionary (empty until user adds key-value pairs). Use a while loop to loop through the menu until the user chooses to quit. Process the menu choices using if/elif.** |
| **Notes and Restrictions:** | **The program should use separate function for each menu choice.** |
| **Comments:** | **None.** |