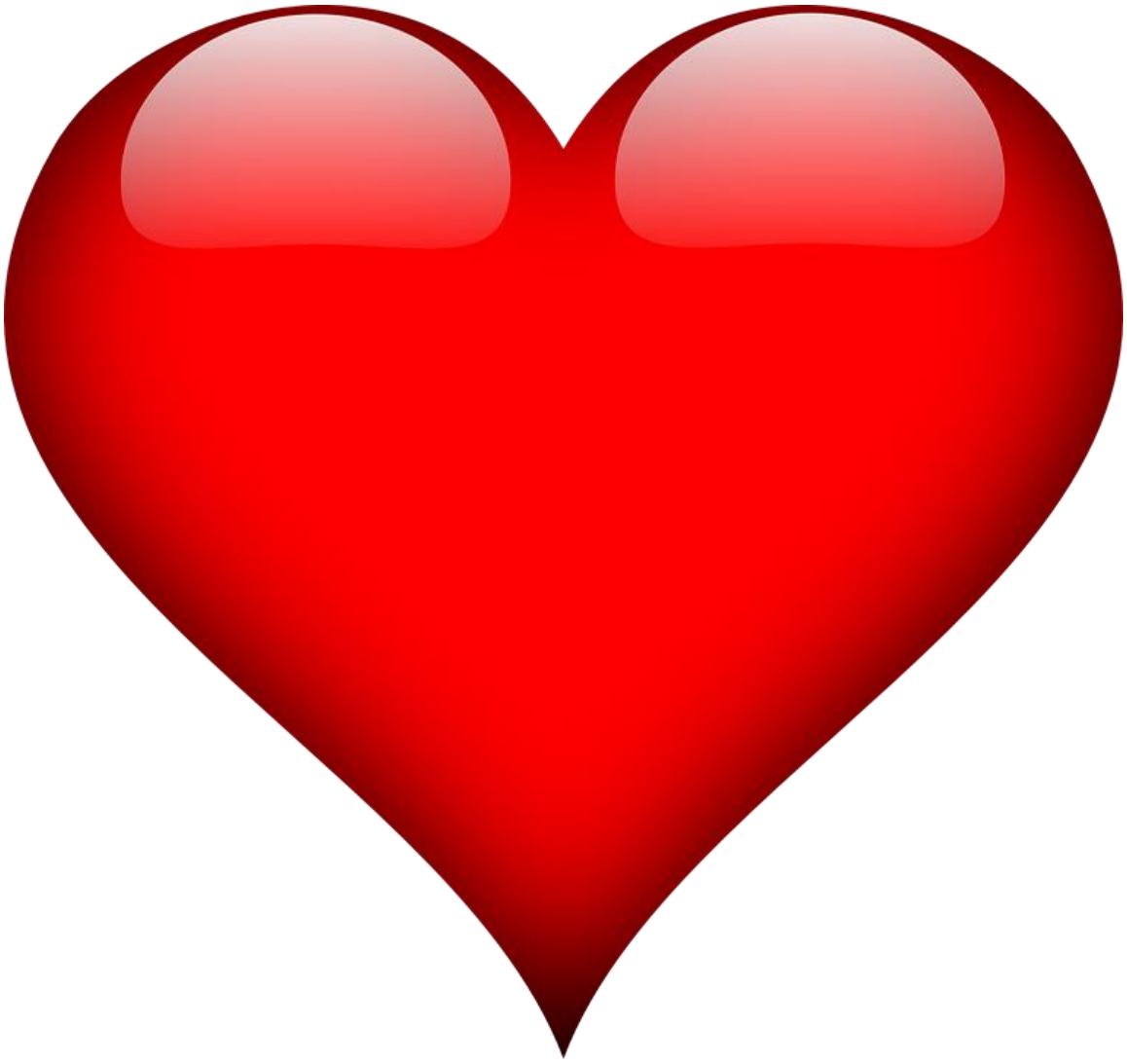

Love Calculator

DOCUMENT ON APP DEVELPMENT

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Concept of The Love Calculator Application

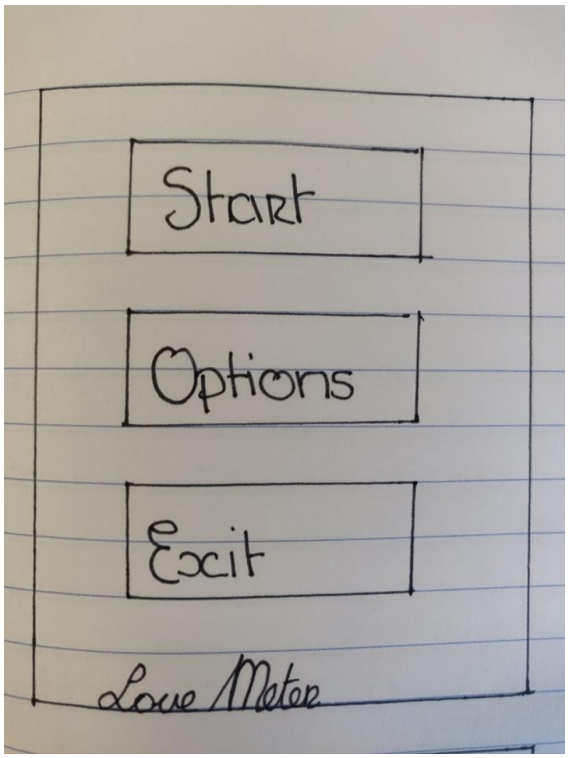
The purpose of this application is for the user to enter two names, the application will then calculate the two peoples compatibility in a percentage (using a random number).

This application will have a main menu containing three options for the user; Start, Options and Exit. These options will be positioned vertically underneath each other, when clicked/ pressed each of these options will take the user into a specific area of the application. The name of the application will be displayed at the bottom of the menu screen in a different font from the rest of the application.

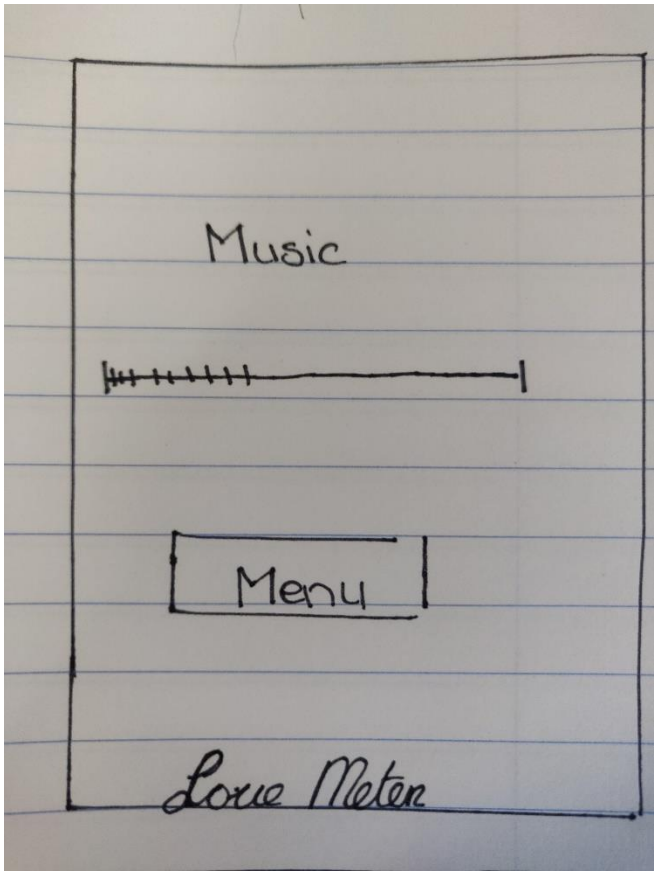
- The Start button will take user to a page where the user is prompted to enter two names in order for the app to work. The name of the application will be displayed above the love meter in this menu. After inputting both names the application will then proceed to "calculate" the percentage compatibility of the two names inputted. The calculation part of this application will be random numbers generated by the program. There will be a pop up screen showing the percentage of the two names compatibility and with that there will be some information, e.g 0-10 "Single is the best stage of your life don't give that up", 11 – 20 "You are in the friendzone", 91 - 100 "You're going ditch all your friends and your old life and when you break up you're going to have no one".
- Underneath the Start button there will be the Options button, which when pressed will take the user to a page where the user can adjust the options for the application, including the options for the volume of music which the user can adjust to their own specifications. Under the volume adjust there will be a back button which will take the user back to the menu. The exit button will also appear after the percentage is calculated. The name of the application will be displayed under the menu option in the options menu.
- The Exit button will be located at the very bottom of the Menu of the application. Once pressed/ clicked this button will allow the user to exit the application without any complications.

Design

The main theme of the application will be pastel colors. The colors in the main menu will be a pastel pink on the very edges of the screen and as it moves to the center the colors will change into a pastel peach and into a pastel yellow to finally come into a white at the center where the buttons are placed. Dark outlines of orchid flowers will be placed on the outside corners of the screen.

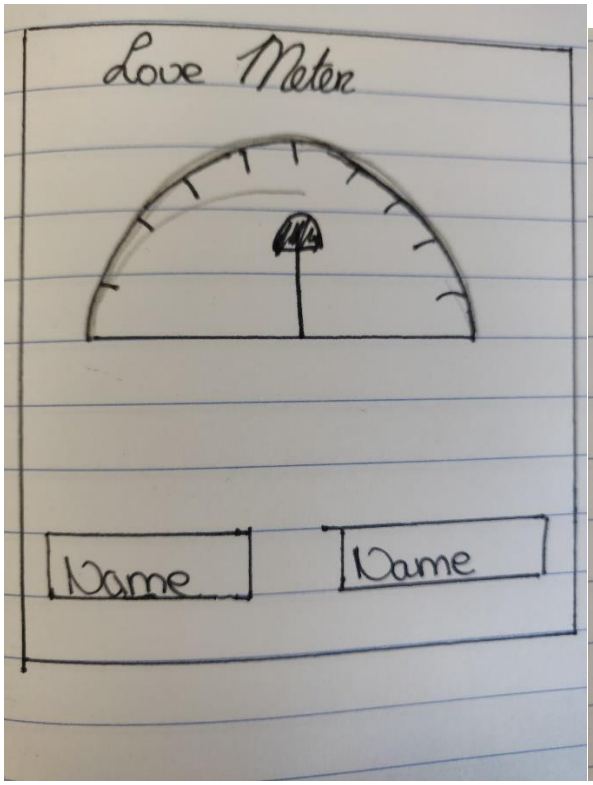


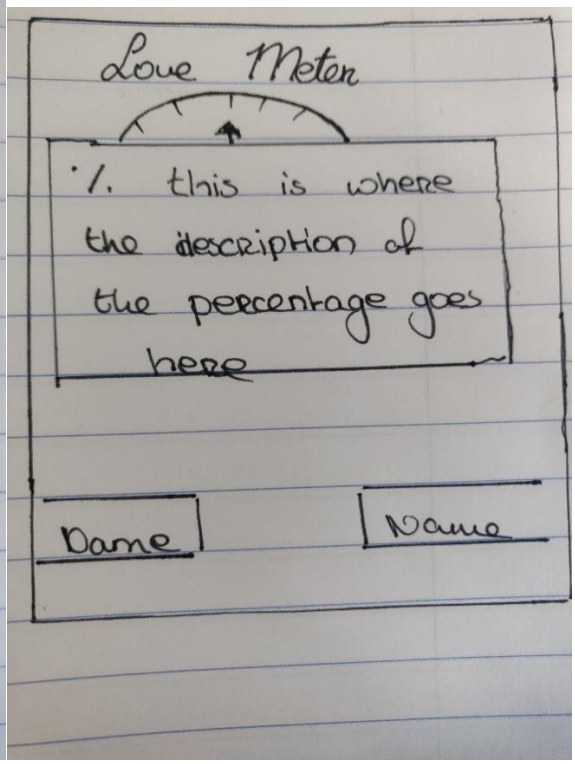
The Options button will have the same color scheme as the main menu will.



The Start option which will prompt the user to enter names, the places where the user is to enter the names will be put at the bottom of the screen on one the right and one on the left. In the middle of the screen will be a percentage meter which will have different colors on its' scale on the bottom left on it will be a pastel green color and as it moves further to the left the color will change to a deep red color gradually and the scale changes. On the meter there will be an arrow which will move when the percentage for the two names is calculated. After the percentage is calculated the user will be displayed with a white pop up screen which will read the percentage and a message that describes the level of love between the two people there will be a band of ten percent. Different hearts will be dispayed depending on the percentage on the love meter.

The keyboard will appear whenever the user decides to click on the empty boxes which have "name" written on them in the pictures below. The keyboard will disappear once the user clicks/ presses anywhere else on the screen.





Conclusion

The project will allow the user to enter two names and calculate their compatibility percentage. This will then display the percentage and a description of the percentage bracket.