

Zj5ffAddressBook

Final Project Documentation:

One day I hope to work for Apple or a company with phones, tablets, etc. So I made an address book that allows the user to add their information to my contact book.

The first requirement is to have classes, subclasses, and at least one abstract class or interface. My classes are "AddressBookController" and "NewContactController." My subclass is "Zj5ffFinal" because it extends Application. The interface is called "NewPerson.java" which is implemented from the Address Book class.

My collection class can be found in the NewContactController class. The name of the collection is "list." I create an Array of Names that are inputted into the address book. This array list is implemented in the function "handleSave" in NewContactController. The other collection can be found in AddressBookController. This collection is a ListView, which is the array of names passed from New Contact Controller and put into a ListView. This list view is implemented in the function "updateAddressBook" in AddressBookController.

Exception handling can be found in the AddressBookController class, in the function "goToNewContact" where there is scene switching. There is also exception handling in the class NewContactController in the function "handleSaveToFile" where I try to save the data of the person to a file. There are others.

Scene switching occurs when the user tries to create a new contact and save that contact. This is implemented through buttons. The code for these implementations are called "handleSave" and "goToNewContact." Scene switching can also be done by pushing the Cancel button when trying to create a new contact.

There is a way to access "About" information. It is in the first scene. The user must click the File Menu, and from there they can select "About." This function is called "handleAbout," which brings up a dialogue with the information about me and my application.

The application saves data in the NewContactController class in the "handleSaveToFile" function. Once the user pressed the Options Menu, there is the option to save the contact through the Menu Item "Save As.." This then brings up the target, which is files, and then the user can save the data to a new file of their choice.

The app has a clearly defined model. See ModelUML.pdf in the folder.