package PhoneBookIgorLanger;

import java.util.ArrayList;

import java.util.List;

import java.util.Map;

import java.util.Scanner;

import static PhoneBookIgorLanger.SaveContactsToFile.saveContactsToFile;

/\*\*

\* This is a function where you can edit a number by name.

\* In addition, it is checked whether a typed name exists in the file

\* And also what a user wants to do with the value that found after a search

\*/

public class EditContactByName {

public static void editContactByName(Map<String, List<String>> contacts, Scanner input) {

System.out.println("Enter name of the contact you would like to modify:");

String name = input.nextLine().trim();

if (contacts.containsKey(name)) {

List<String> numbers = new ArrayList<>(contacts.get(name));

System.out.printf("Current number(s) for %s:\n", name);

for (String number : numbers) {

System.out.println(number);

}

System.out.println();

System.out.println("Would you like to add a new number or delete an existing number for this contact? [add/delete/cancel]");

String editOption = input.nextLine().trim().toLowerCase();

boolean addNumber = false;

boolean delNumber = false;

option:

while (true) {

switch (editOption) {

case "add":

addNumber = true;

break option;

case "delete":

delNumber = true;

break option;

case "cancel":

System.out.println("Contact was not modified!");

break option;

default:

System.out.println("Use 'add' to save a additional number, 'delete' to remove an existing number or 'cancel' to go back.");

editOption = input.nextLine().trim().toLowerCase();

break;

}

}

if (addNumber) {

while (true) {

System.out.println("Enter new number:");

String number = input.nextLine().trim();

if (number.matches("^\\+?[0-9 ]{3,25}$")) {

contacts.get(name).add(number);

saveContactsToFile(contacts);

System.out.printf("Number %s was successfully added, record updated!\n", number);

break;

} else {

System.out.println("Number may contain only '+', spaces and digits. Min length 3, max length 25.");

}

}

}

if (delNumber) {

while (true) {

System.out.println("Enter the number you want to delete:");

String number = input.nextLine().trim();

if (numbers.contains(number)) {

numbers.remove(number);

contacts.put(name, numbers);

saveContactsToFile(contacts);

System.out.printf("Number %s was removed from the record for '%s'\n", number, name);

break;

} else {

System.out.printf("Number does not exist! Current number(s) for %s:\n", name);

for (String num : numbers) {

System.out.println(num);

}

}

}

}

} else {

System.out.println("Sorry, name not found!");

}

System.out.println();

System.out.println("Type a command or 'exit' to quit. For a list of valid commands use 'help':");

}

}