ASSEMBLY LANGUAGE PROGRAMMING PROJECT

Project Title: -   "**Contact-list**"

Description: -   A user views, ads, edits, or removes some contacts in that are viewed in the LCD.

Details: -
- A contact consists of a name (string) and mobile number (number).
- A user should be able to write strings by the keypad like old-fashioned mobile phones.
- By default, all contacts are viewed and can be navigated by the = and – keypad buttons.
- Once a contact is viewed, a key can be pressed to go to edit mode or another can be pressed for delete mode.
- An add key can be pressed any time to enter new contact.
- Bonus: Search contacts by name feature to be added.

Example

The input screen

Ahmed (01011***002)

+ is pressed
(If there's no next contact it should do nothing)

Ali (01011***002)

Add button is pressed

Please enter name:

Khaled

Please enter mobile number:

01011***002

Now the contact is added

Khaled (01011***002)

You will submit:

- A complete flow chart for your program
- Procedures description that contains
  - Task accomplished by the procedure.
  - List of input parameters and their usage.
  - Description of any value calculated/returned by the procedure.
  - Preconditions that must be satisfied before the procedure is called.