**Software Requirements Specifications (SRS) for Android Contacts Manager**

**Definitions, Acronyms, and Abbreviations**

|  |  |
| --- | --- |
| Contacts Manager | The name of the app |
| Contacts label | Clickable button for each contact name. |
| Main List | Screen with every contact’s name in an alphabetical list that will be the first screen when the app launches |
| Cellphone | Device on which the app will run. |

**Functional requirements**

1. The user should be able to manipulate their contacts
   1. The user should be able to add contacts
   2. The user should be able to remove contacts
   3. The user should be able to add multiple phone numbers for a single contact
   4. The user should be able to assign a photo to a contact
   5. The user should be able to search for a contact
   6. The user should be able to scroll through their contacts
2. The Contacts Manager should offer shortcuts to different features provided by the cellphone
   1. The contacts manager should have a message button that would switch to the messaging app.
   2. The contacts manager should be able to handle contact groups
   3. The contacts manager should organize the contacts by their group name
   4. The contacts manager should have a favorites menu
   5. The contacts manager should be able to store a contact’s birthday
3. The Contacts Manager should present all the information neatly
   1. The contacts manager should alphabetically sort all the contact labels on the main list
   2. The contacts manager should allow scrolling to see more contact labels
   3. The contacts manager should include all relevant contact information of a single contact on one page
   4. The contacts manager should be able to display all the information per contact entity

**Use Case Diagram**

