Media

-name : String
-length : String

+getName()
+getLength()
+turnOn()

Music

+turnOn()

Video

+turnOn()

MediaPlayer

-mediaList : LinkedList<Media>

+addMedia(Media m)
+turnOnMediaByName(String name)
+turnOnAllMedia()
+printMPMenu

Event

-date : Date
-duration : int

+getDate()
+getDuration()
+toString()
+equals(Object e)
+compareTo(Event e)
+clone()
+comparePerson(Person p)
+isOverlap(Event e)

Meeting

-person : Person

+getPerson()
+toString()
+comparePerson(Person p)

NotMeeting

-description : String

+getDescription()
+toString()
+comparePerson(Person p)

Diary

-days_of_month : LinkedList<Event>[]

+addEvent(Event e)
+delLastEvent(Date d)
+printAllByDate(Date d)
+printAllByPerson(String name)
-isOverlap(Event newE)
+printAll()
+validDate(int date, int hour, int minute)
+printDiaryMenu()
+delEventByName(String name)

Phone

+handlePhoneUser()
+printPhoneMenu()

SMS

-texts : ArrayList<Text>

+newTextByPerson(Person p, String str)
+findTxtByPerson(String name)
+isInTexts(String name)
+searchForStr(String str)
+printAllTexts()
+deleteTextsByName(String name)
+printTxtByName(String name)
+printSMSMenu()

Text

-p : Person
-text: String

+addText(String text)
+getPersonName()
+getText()

Person

-name : String
-number : String

+getName()
+getNumber()
+setName(String name)
+setNumber(String number)
+equals(Object other)
+validNum(String number)
+clone()
+compareTo(Person p)
+toString()

Contacts

-list : ArrayList<Person>

+getList()
+setList(ArrayList<Person> list)
+addPerson(Person p)
+removePerson(String name)
+print()
+searchPersonByName(String name)
+sortPersonsByName()
+sortPersonsByPhoneNumber()
+removeDup()
+reverseOrder()
+writeInFile(String fileName)
+readFromFile(String fileName)
+printContactsMenu()
+inContacts(String name)
+retPersonByname(String name)