Reminder Application UML diagram

list

listName
listType

createList(listName)
renameList(listName,newListName)
deleteList(listName)
searchLists(reminderName,typeName,listName)

1

Text

0..n

remindersList

breakdown of reminders by the type ->
reminderType

addReminder (reminderName)
editReminder (reminderName)
deleteReminder (reminderName)
checkOffReminder (reminderName)
checkOffAllinList (reminderType)
clearCheckFromReminder (reminderName)
clearCheckOffAllList(reminderType)

— Uses Database to Conduct Searches, returns data to user—

Reminders
Database

—Reminder uses database to store data— — —

Creates reminder by type

Repeat

endDate : date - type:String
hourly()
daily()
weekly()
monthly()
yearly()

Reminder has repea t function

Reminder

reminderName- type:String
allDay - type:Boolean
checkOff - type:Boolean
listType - type:String
reminderType - Reminder Type
reminderNotes - type:String
repeat : RepeatsReminder
date - type:String
time - type:String
location - type:String = setLocation ()

setLocation()

setReminderType

reminderType - type:List [types of reminfer,
meeting, appointment, etc]

addReminderType(reminderTypeName)

Reminder Type

reminderType - type:String
newReminder - Reminder

newReminder(reminderName,
reminderType)

Reminder "Has A" Reminder Tyrpe—

— — Reminder Type uses setReminderType