080419Android Sticky Scheduler
Use Case Specification

Submitted to:

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Revision Control

History Revision:

Revision Date	Person Responsible	Version Number	Modification
10/03/14	Louie Buera	1.0	Initial Document; Version number should match the one found in the footer.

Use-Case Name: 1.0 Input New Task
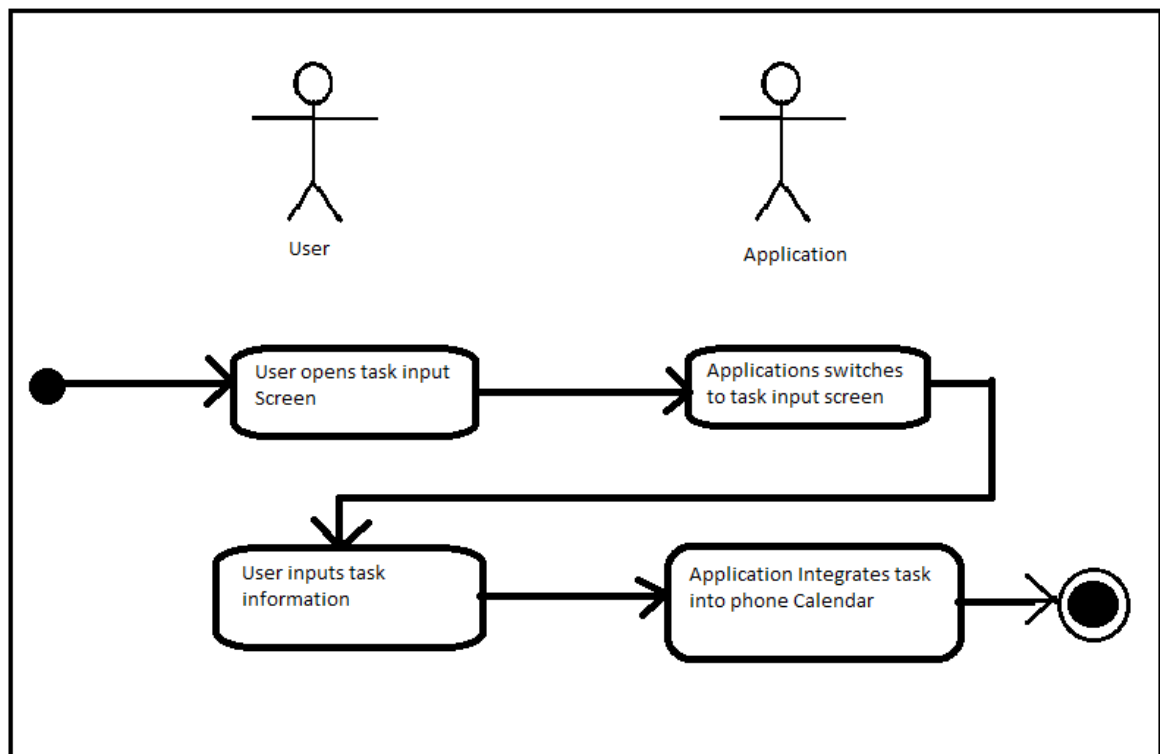
Description: The user inputs information about a new task. When a task has been input, the
                       application should integrate the task into the phone calendar.

Preconditions: NONE

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) User inputs task to the system.	User opens task input screen. Application switches task input screen. User inputs task information. Application integrates task into Phone Calendar.

Activity Diagram of Flow of Events

Postcondition: New task has been integrated into phone calendar

Relationships: Include – 1.1 Input new task info

Special Requirements: NONE

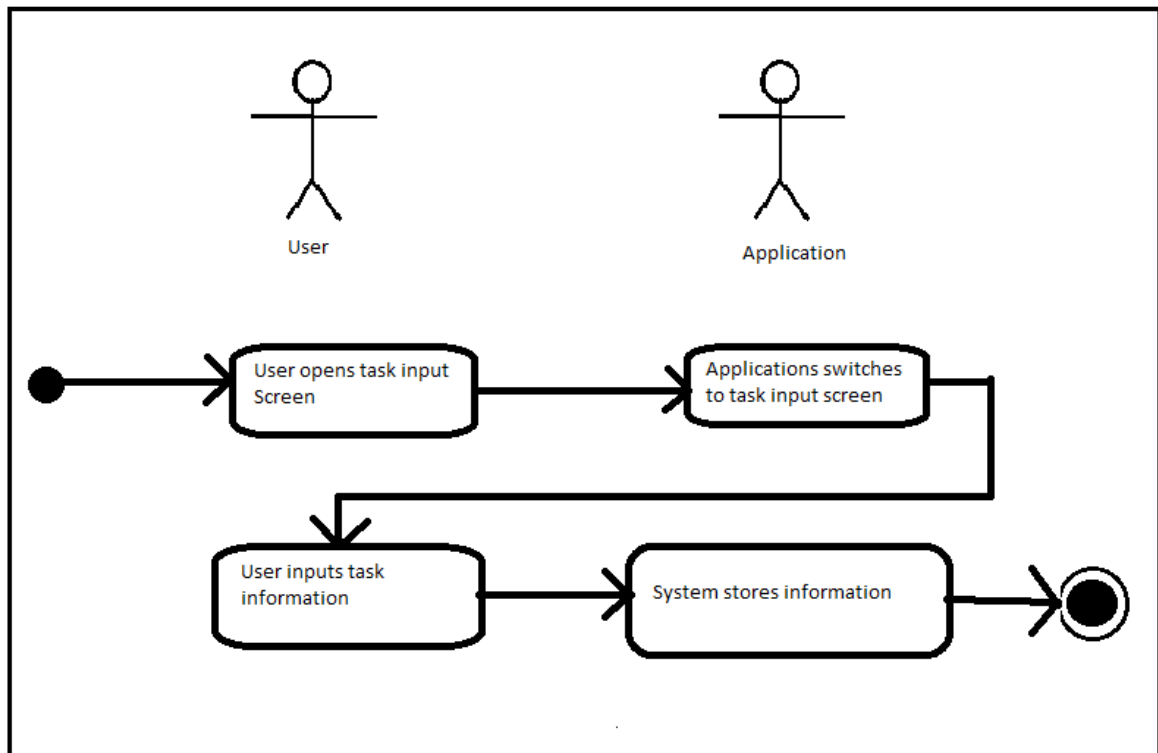*Use-Case Name*:   1.1 Input New Task Info

Description: The user would input the task name, time and date when it is to be accomplished, location where it is to be done. Notes may also be added.

Preconditions: NONE

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) User submits information to the system.	User opens task input screen. Application switches task input screen. User inputs task information. System stores information

Activity Diagram of Flow of Events

Postcondition: Application has stored task information

Relationships: NONE

Special Requirements: NONE
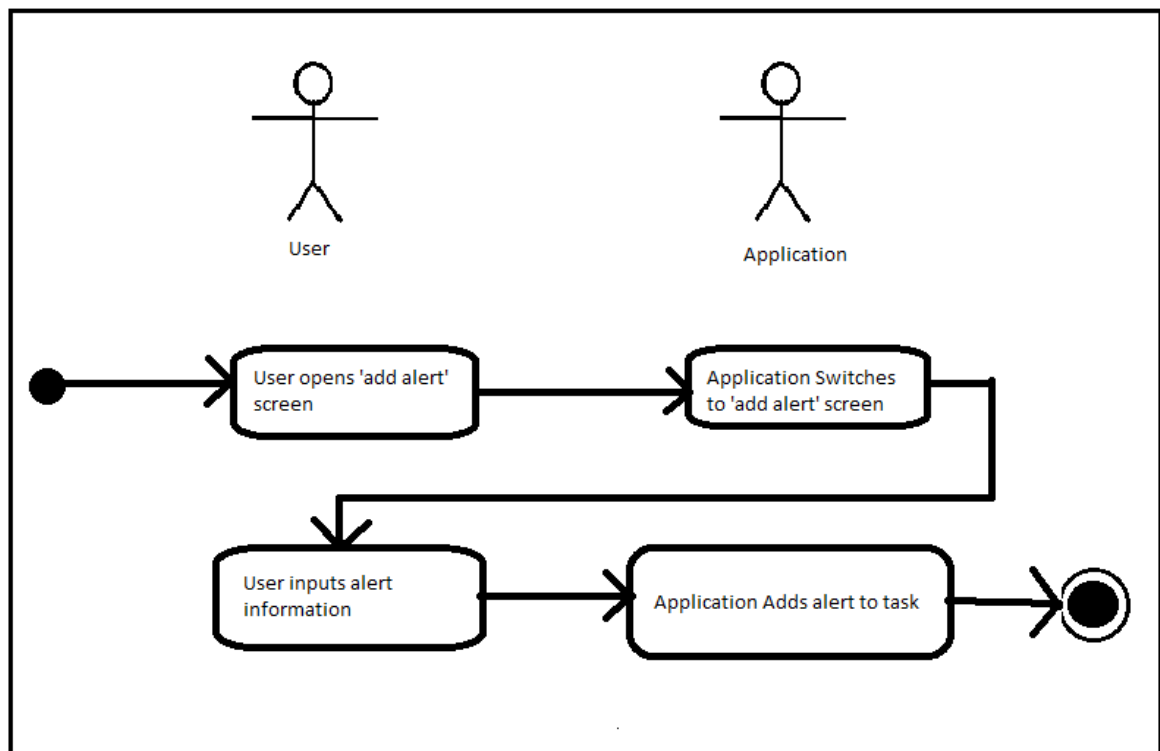
Use-Case Name: Sync Alerts

Description: The user would input when he wants to be reminded of the task via phone notifications. This includes the time, date and possibly the place when the task should be done

Preconditions: Must have either a new or preexisting task to add to Sync Alerts

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) User submits notification information to the system.	User opens 'add alert' screen. Application switches to 'add alert screen'. User inputs alert information. Application adds alert to task.

Activity Diagram of Flow of Events

Postcondition: Alert added to new or preexisting task

Relationships: Extend – 1.0 Input new Task

Special Requirements: NONE

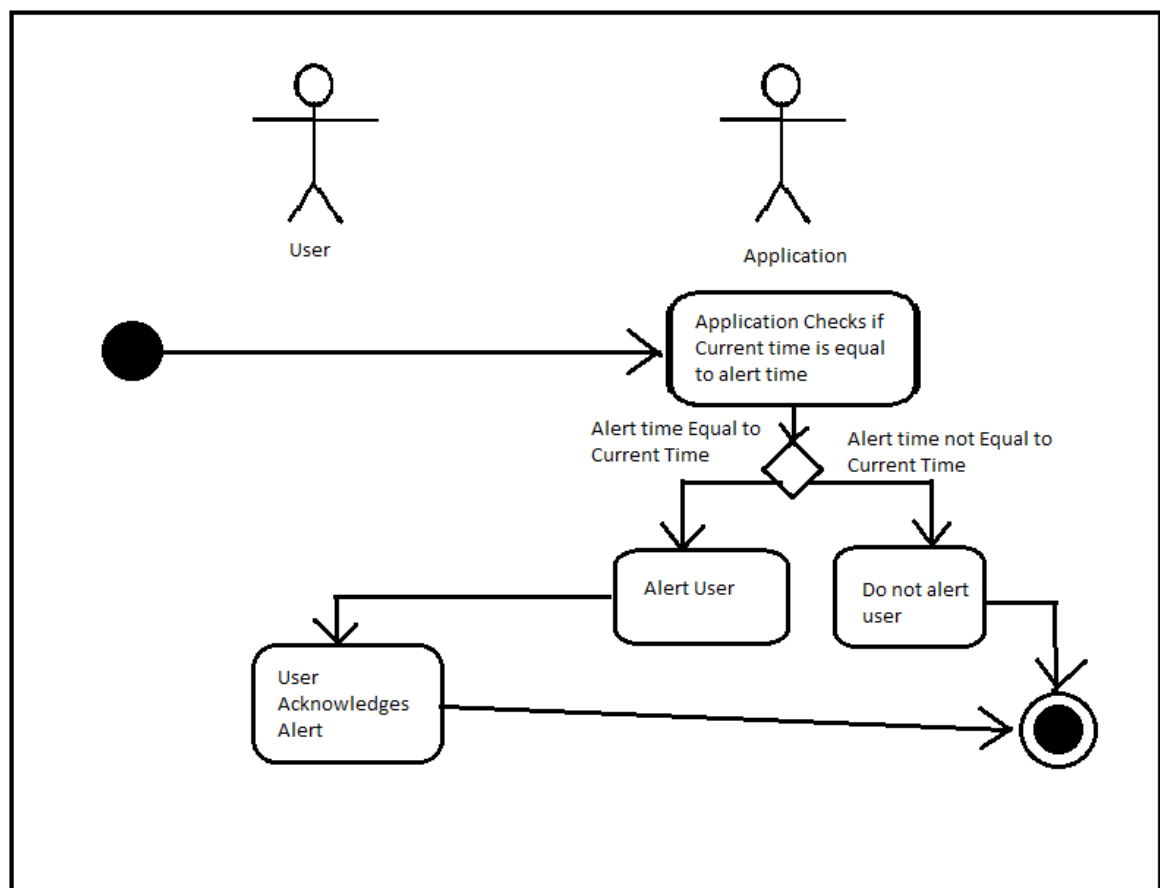*Use-Case Name*:   2.0 Phone Reminders

Description: The software should alert the user at the time when the user set the alert for a certain task

Preconditions: *There must be a preexisting task with an associated alert*

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Application checks alert time and alerts user due to alert time being equal to current time.	Application checks if alert time of the alert is equal to current time. Alert time and Current time are equal. Application alerts user. User Acknowledges alert.
Scenario 2 Application checks the alert time and does not alert the user due to alert time not being equal to current time.	Application checks if alert time of the alert is equal to current time. Alert time and Current time are not equal. Application does not alert user.

Activity Diagram of Flow of Events

Postcondition: User alerted, if correct time

Relationships: NONE

Special Requirements: NONE

Use-Case Name: 3.0 View Schedule

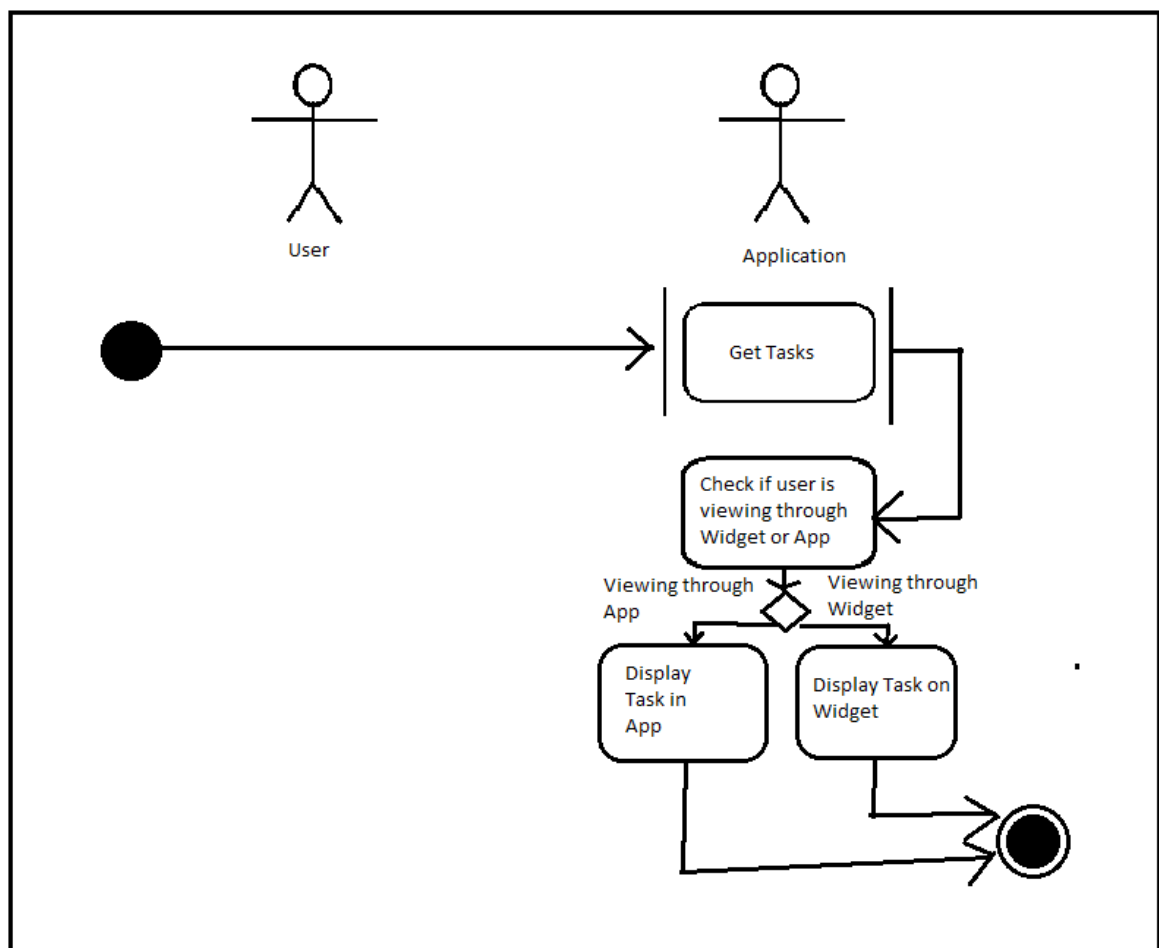*Description:*   The user may view the list of tasks through an interface either within the app itself or
                       through widget support

Preconditions: NONE

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Display Task in Application	Application gets tasks to be viewed. Check if user is viewing through App or Widget. User is viewing through app. Application displays tasks in application.
Scenario 2 Display Task on Widget	Application gets tasks to be viewed. Check if user is viewing through App or Widget. User is viewing through Widget. Application displays tasks in Widget.

Activity Diagram of Flow of Events

Postcondition: List of Tasks displayed to user

Relationships: NONE

Special Requirements: Widget Support