

Assignment 1

Team JAJA - Jason He, Andy Tran, Jimmy Xie, Alvin Cheung

Place-it To-do (Sender)

Goal	Leave a message for a person at a particular location.
Scope	External to System, or Internal.
Pre-Conditions	1. Application is open. 2. User has an account. 3. Targeted person has an account. User and target are contacts.
Success State	Message successfully created for targeted person at target time.
Failed State	No new note is created.
Primary Actor	Normal friends, family, regular users.
Secondary Actor	Businesses, employees.
Start Action	User logs in to the service/application.
Description	1. User presses create a new note button. 2. User chooses a location or current location. 3. User specifies GPS boundaries for when the message appears for the targeted person. 4. Specify the receiver(s) of note. 5. Leave a message/comment about particular location. 6. User sends the note.
Variations	1. Location's coordinate does not exist. 2. User does not exist. 3. Boundary is unreasonable. (Set max and min)
Extensions	1. User creates note at current location. 2. User specifies coordinates or selects location on map. 3. User enters name of a place and the software sees if the place exists and gets the coordinates. 4. Save a draft of the message to edit/send later.

Place-it To-do (Receiver)

Goal	User receives and reads a note.
Scope	External to System, or Internal
Pre-Conditions	<ol style="list-style-type: none"> 1. Application is open. 2. User has an account. 3. Sender of message and user are contacts.
Success State	User enters within boundaries of sent message.
Failed State	No note is received.
Primary Actor	Normal friends, family, regular users.
Secondary Actor	Businesses, employees.
Start Action	User logs in to the service/application.
Description	<ol style="list-style-type: none"> 1. User arrives at a location. 2. User receives a note. 3. User reads the note. 4. Once the message is read, the person can delete it, or leave it there.
Variations	<ol style="list-style-type: none"> 1. User does not read note at all. 2. User deletes note without reading it.
Extensions	<ol style="list-style-type: none"> 1. Reply to note by adding new note or geotagged picture. 2. Reply to note by making a text/call/email/etc. to the sender. 3. Forward the note to additional users. 4. Block the sender of the note.

Geotagged Pictures (Sender)

Goal	Leave a photo and/or message for a person at a particular location.
Scope	External to System, or Internal
Pre-Conditions	<ol style="list-style-type: none"> 1. Application is open. 2. User has an account. 3. Targeted person has an account. User and target are contacts.
Success State	Geotagged picture successfully created for targeted person at target time.
Failed State	No new geotagged picture is created.
Primary Actor	Normal friends, family, regular users.
Secondary Actor	Businesses, employees.
Start Action	User logs in to the service/application.
Description	<ol style="list-style-type: none"> 1. User presses create a new geotagged picture. 2. User takes a picture of or select from photo gallery 3. User chooses a location or current location. 4. User specifies GPS boundaries for when the message appears for the targeted person. 5. Specify the receiver(s) of geotagged picture. 6. Leave a message/comment about particular location. 7. User sends the geotagged picture.
Variations	<ol style="list-style-type: none"> 1. Location's coordinate does not exist. 2. User does not exist. 3. Boundary is unreasonable. (Set max and min).
Extensions	<ol style="list-style-type: none"> 1. User creates note at current location. 2. User specifies coordinates or selects location on map. 3. User enters name of a place and the software sees if the place exists and gets the coordinates. 4. Save a draft of the geotagged picture/message to edit/send later.

Geotagged Pictures (Receiver)

Goal	User receives and reads a geotagged picture.
Scope	External to System, or Internal
Pre-Conditions	1. Application is open. 2. User has an account. 3. Sender of picture and user are contacts.
Success State	User reads the geotagged picture or leaves it alone.
Failed State	No geotagged picture is received.
Primary Actor	Normal friends, family, regular users.
Secondary Actor	Businesses, employees.
Start Action	User enters within boundaries of sent message.
Description	1. User arrives at a location. 2. User receives a geotagged picture. 3. User views the geotagged picture and reads the message. 4. Once the geotagged picture is viewed, the person can delete it, or leave it there.
Variations	1. User does not view geotagged picture at all. 2. User deletes picture without viewing it.
Extensions	1. Reply to geotagged picture by adding note or geotagged picture 2. Reply to picture by making a text/call/email/etc. to the sender. 3. Forward the geotagged picture to additional users. 4. Block the sender of the geotagged picture.

Location Sensitive Service (Create)

Goal	Create custom settings for different locations and time.
Scope	External to System, or Internal
Pre-Conditions	1. Application is open. 2. User has an account.
Success State	Multiple settings are created for different locations and times.
Failed State	Setting is not created.
Primary Actor	User
Secondary Actor	
Start Action	User logs in to the service/application
Description	1. User presses create a new setting. 2. User creates name for settings. 3. User chooses a location or current location. 4. User specifies GPS boundaries for the service. 5. User specifies a time and date constraint. 6. User selects settings/functions to be enabled or disabled. (Alarm, sounds, calls, texts, etc) 7. User saves the location sensitive service.
Variations	1. Application checks if contradictory sets of settings exist for the same location and time/date.
Extensions	1. Application automatically synchronizes time/date with internet. 2. Save settings. (export/import) 3. Creating categories for settings. (organization) 4. Update a setting. 5. Delete a setting.

Location Sensitive Service (Activate)

Goal	Change settings for different locations and time if a new one exists.
Scope	External to System, or Internal
Pre-Conditions	1. Application is open. 2. User has an account.
Success State	Multiple settings are created for different locations and times.
Failed State	Wrong setting is activate Setting doesn't change.
Primary Actor	User
Secondary Actor	
Start Action	User enters a location at a certain time/date that has a setting associated with it.
Description	1. User arrives at location at certain time. 2. Save current settings 3. Settings get enabled/disabled. 4. Settings revert to saved state.
Variations	1. Application checks if contradictory sets of settings exist for the same location and time/date.
Extensions	1. Application automatically synchronizes time/date with internet. 2. Save settings. (export/import) 3. Creating categories for settings. (organization) 4. Update a setting. 5. Location setting is optional 6. Delete a setting.

Questions

What is the GPS radius for the general functions?

Specific Defaults like: Building, Park

Custom: User Input

Is there an option to block users?

How are we having users create accounts?

How do we deal with inappropriate pictures (18+)?

How do we deal with spam?

Is there language support?

Is this a free or paid app?

Should we have a web interface as well? Changes will be reflected through the mobile application?

Where are the servers located?

Security measures?

How to implement without centralized database server?