OBJECT LOCATOR
Group 7

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OBJECT LOCATOR

Idea:

Problem::   Old and elderly people has a tendency to forget about things. They forget about objects which they place minutes ago and search for them when required. If the object is an important one, it is difficult for the oldies to remember and locate them in critical times.

Objective::   An application which helps the old people to get a picture and take a note of the object location. So that, when they forget the object they can locate it using the application. This helps the old people to keep track of their forgotten objects.
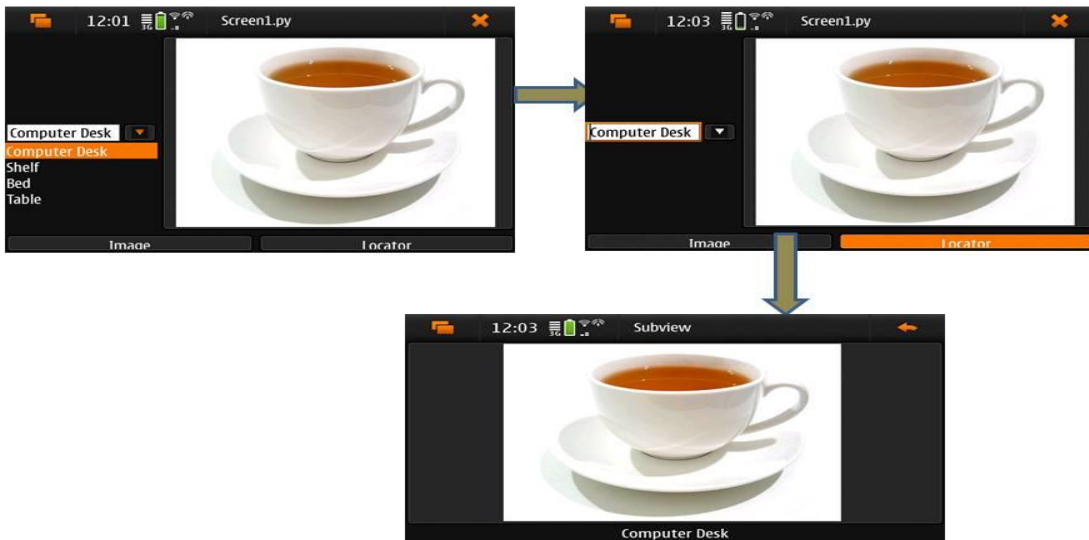
Application and its use:

The application name is *"Object Locator"* and is developed on *maemo framework* using *Python 2* programming language. Object Locator application has 2 main screens. In the first screen, the person can select or take a note of the location of the object (using the drop down combo selection or manually he can note the location of the object). The picture of the object can be a static picture (which already exists in the mobile phone) or it can be dynamically taken using the camera of the mobile phone (with the help of *image button* of the application). The note which is selected then gets assigned to this object and is saved in the phone memory.
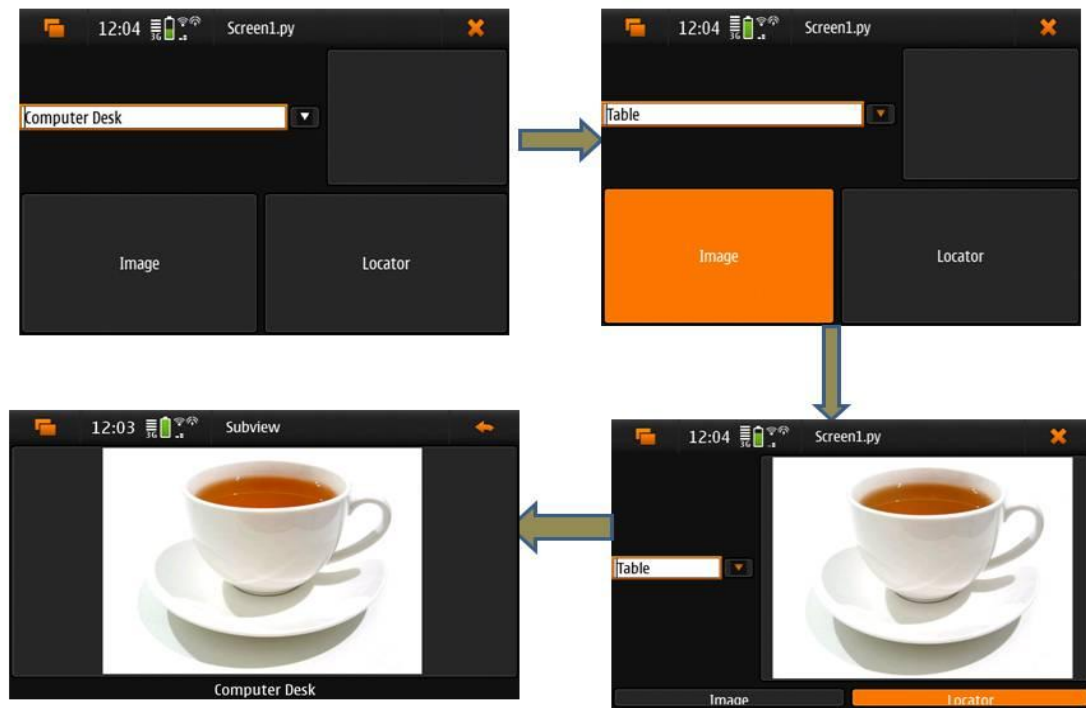
When the old person forgot his object, then he need not search for the object. Just press the *locate button* of the application down the picture of the object in his mobile phone. It leads to second screen of the application, where the picture of the object and the location of the object down the picture can be seen. This helps the old people, to carry

their objects without any problem. The following screens explain the flow of application usage:

Object Locator(Static Image)

Object Locator (From Camera)

Advantage:

With this old and elderly people can easily locate and track their objects. The advantage of object locator application is it can take both the static and dynamic images. Also that, the application can be further extended to locate objects from far distances, if the *global positioning system methodology* is used.

Conclusion:

Old and elderly people can locate and keep track their objects without any problem. If the application is further extended with gps, then it can also be used for other high end applications.