Using hot keys for browsing

This article shows how to enable hot key detection in your Java ME application; hotkeys can make it much easier to navigate a mobile application by, for example, reducing the effort to jump between links in a browser.

Source code

```
import javax.microedition.lcdui.Alert;
import javax.microedition.lcdui.AlertType;
import javax.microedition.lcdui.Canvas;
import javax.microedition.lcdui.Display;
import javax.microedition.lcdui.Graphics;
import javax.microedition.midlet.MIDlet;


public class HotKeyCanvas extends Canvas {
 MIDlet m_midlet;
 Display display;
 Alert alert;
 public HotKeyCanvas(MIDlet midlet){
  m_midlet=midlet;
 }

 protected void paint(Graphics g) {
  // background color set
  g.setColor(0xabcdef);
  g.fillRect(0, 0, getWidth(), getHeight());
  g.setColor(0x65535);
                //this is used as a list
                //caps latters used as a hot key for that item
                //in usual case we go through list using arrow key after that press ok
                //but in this case we just press hot key no.
                //like for Name press 6 and we will go to the name info page.
                //and press 2 we will go directly to the address info page
  g.drawString("1.Name",6 ,6, Graphics.TOP|Graphics.LEFT);
  g.drawString("2.Dob",6 ,31, Graphics.TOP|Graphics.LEFT);
  g.drawString("3.Phone no",6 ,56, Graphics.TOP|Graphics.LEFT);
  g.drawString("4.Add",6 ,81, Graphics.TOP|Graphics.LEFT);
 }
 protected void keyPressed(int keyCode){

  display=Display.getDisplay(m_midlet);
                 //this is for Name.

  if(keyCode==54)
  {
                //alert is used to show the name info.
  alert = new Alert("Option Selected", " vivart pandey", null, null);
       alert.setTimeout(Alert.FOREVER);
       alert.setType(AlertType.INFO);
       display.setCurrent(alert);}

                //this is for Dob.
  if(keyCode==51)
  {
```


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```
  alert = new Alert("Option Selected", " 11-jun-1985", null, null);
       alert.setTimeout(Alert.FOREVER);
       alert.setType(AlertType.INFO);
       display.setCurrent(alert);}

               //this is for Address.
  if(keyCode==50)
  {
  alert = new Alert("Option Selected", "Hyderabad,india", null, null);
       alert.setTimeout(Alert.FOREVER);
       alert.setType(AlertType.INFO);
       display.setCurrent(alert);}

                //this for phone no
  if(keyCode==55)
  {
  alert = new Alert("Option Selected", "09985374273", null, null);
       alert.setTimeout(Alert.FOREVER);
       alert.setType(AlertType.INFO);
       display.setCurrent(alert);}



 }

}

import javax.microedition.lcdui.Display;
import javax.microedition.midlet.MIDlet;
import javax.microedition.midlet.MIDletStateChangeException;


public class HotkeyMidlet extends MIDlet {

 private Display display;


 protected void destroyApp(boolean arg0) throws MIDletStateChangeException {
   }

 protected void pauseApp() {

 }

 protected void startApp() throws MIDletStateChangeException {
  //  daisplay canvas
  display = Display.getDisplay(this);
  HotKeyCanvas cd=new HotKeyCanvas(this);

  display.setCurrent(cd);

 }

}
```

Vimviv blog: http://blog.vimviv.com/

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