

# **Phone Reader 2.0**

## **User Guide**

This guide will serve as a how-to to use the Phone Reader 2.0 application.

### Starting the application

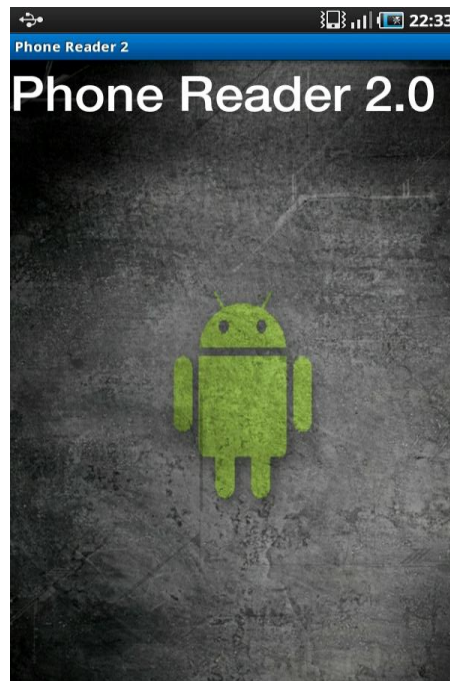
Make sure Phone Reader 2.0 is installed on your device. If this has been done, run the application by tapping on the icon. See Figure 1.



**Figure 1:** Application Launcher Icon

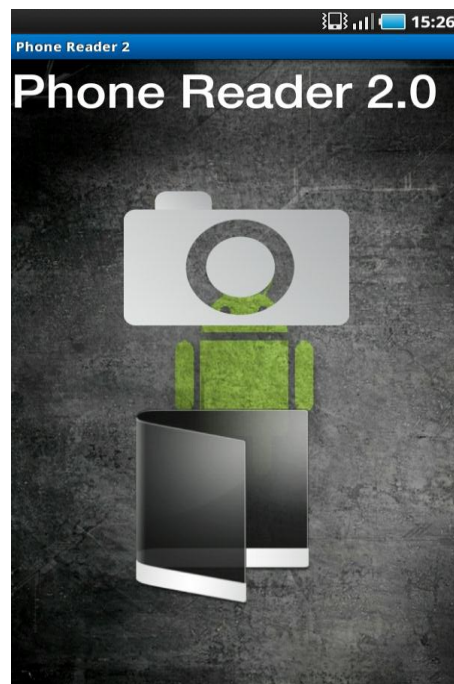
### Using the application

After launching the application, you will see the Phone Reader 2.0 splash screen. You will be required to tap the area which reads "Tap here to start" to continue. See Figure 2.



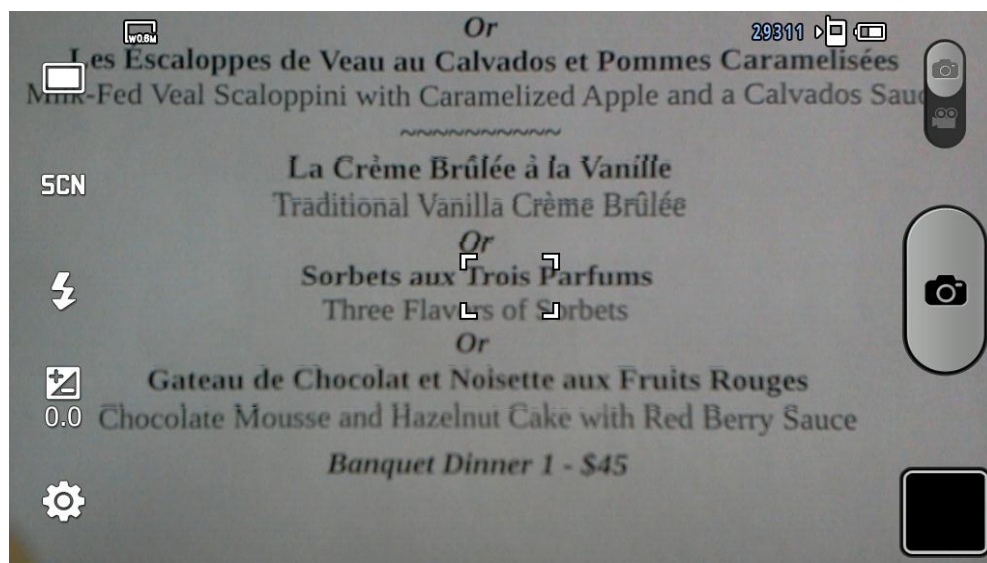
**Figure 2:** Splash Screen

You will now be on the home screen where you will have to choose whether to take a picture of whether to open an existing one, depicted in Figure 3. Taking a picture requires of you to tap the camera button while opening an existing picture will require you to tap the folder button.



**Figure 3:** Home Screen

Choosing to take a picture will start the viewfinder, allowing you to take a picture. See Figure 4.



**Figure 4:** View finder

Choosing to open an existing image will open the image gallery, allowing you to choose a picture taken by the application. See Figure 5.

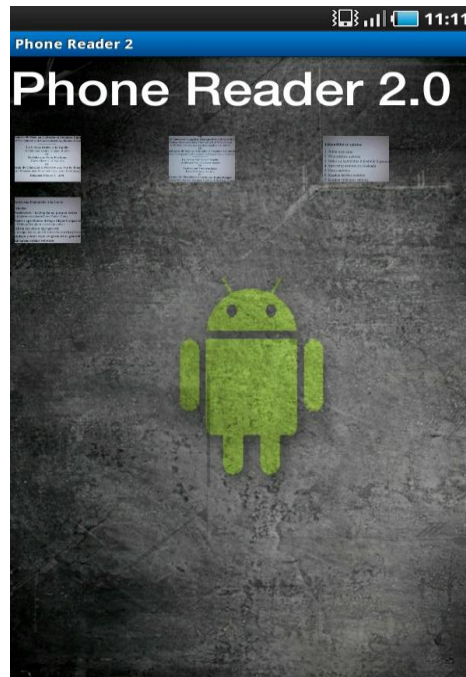


Figure 5: Gallery

After choosing either one of the above mentioned options, you will be prompted whether or not to start the selection or cancel. See Figure 6.

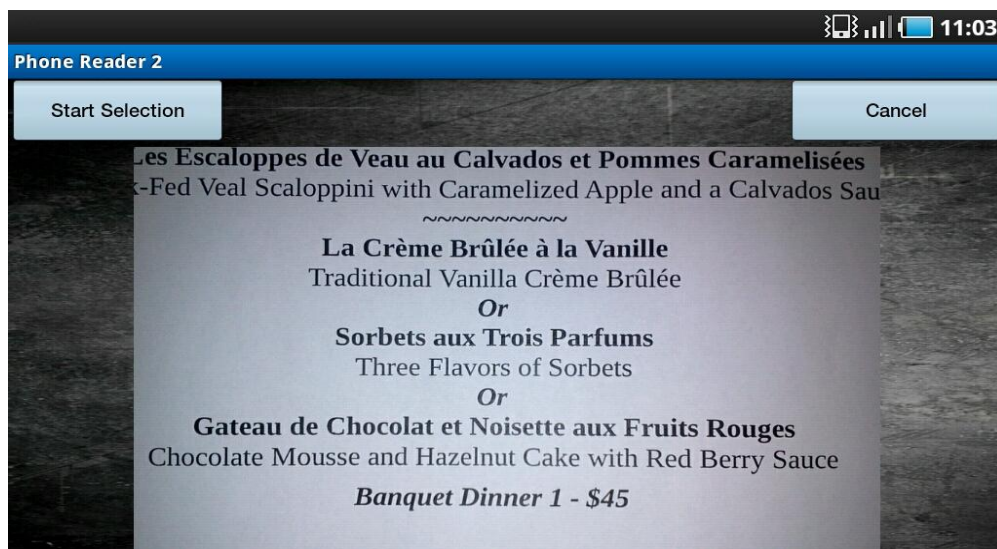


Figure 6: Selection confirmation

Choosing to start making selections, which will be done by tapping the “Start Selection” button in the upper-left corner of the screen, will produce the following output. Selections are then made by dragging your finger over a certain area on the image, producing a rectangle, as seen in Figure 7. Note: Opening an image will draw any selections made previously on the image.

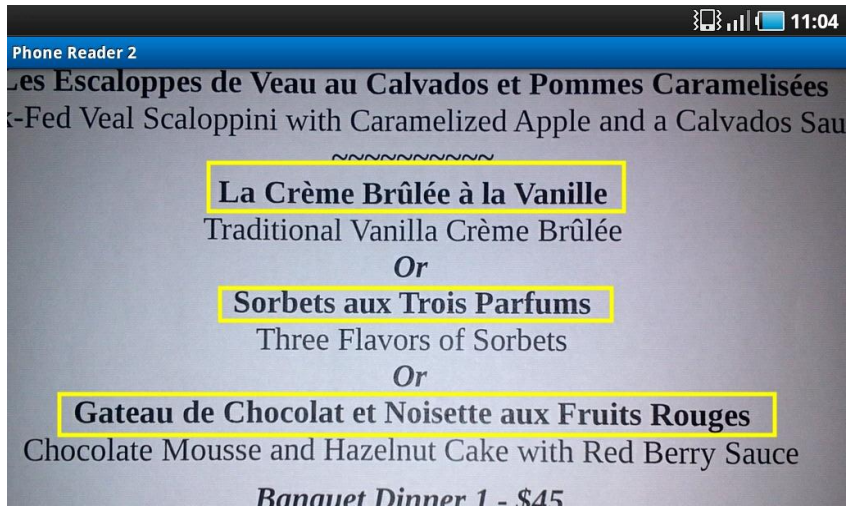


Figure 7: Making selections

Once the selections have been made, press the Android menu button to bring up the menu. Selecting the “Translate and OCR” option will further the process. See Figure 8.

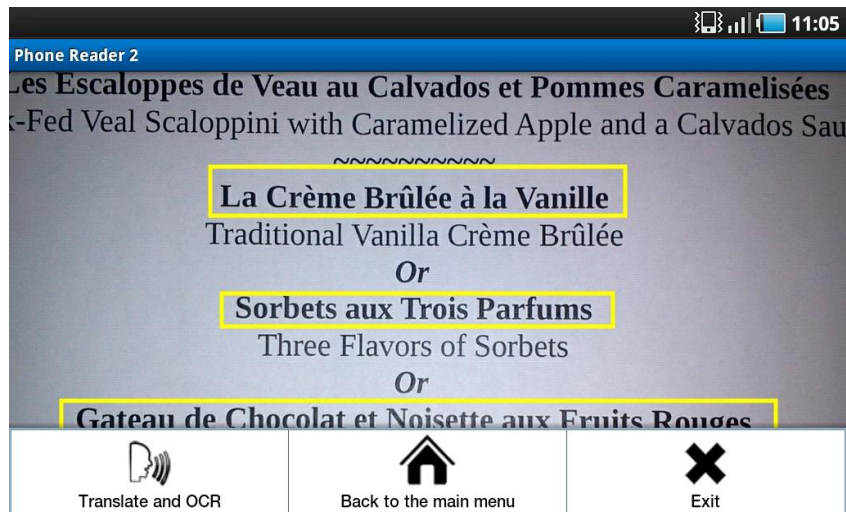
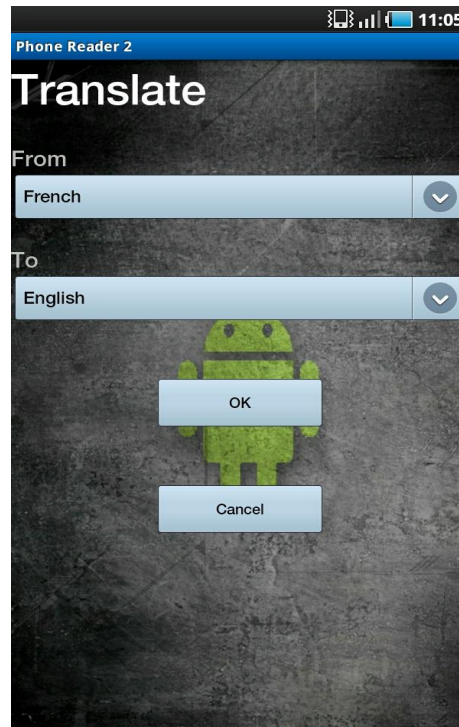


Figure 8: The menu

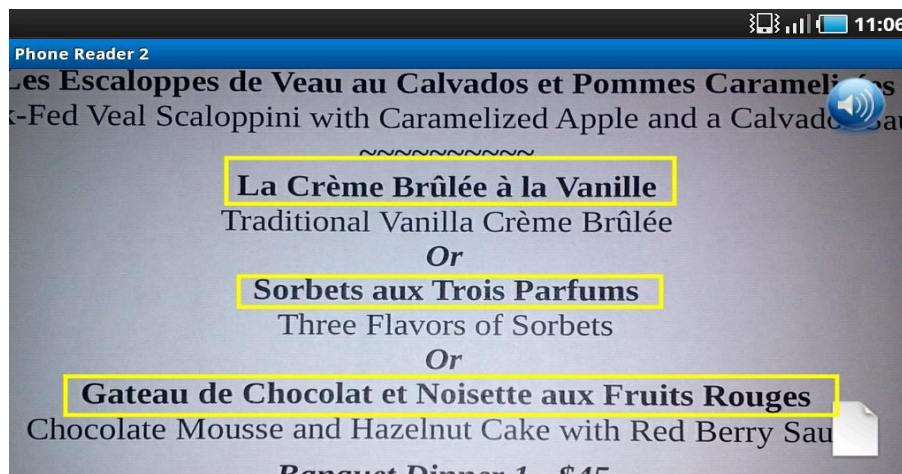


After the previous step has been done, you will be taken to the language confirmation screen where the user would need to specify the language to. Specifying the language from is optional. Pressing the “OK” button furthers the process while pressing the cancel button cancels the process. Pressing the “OK” will prompt the user to enter the IP address of the server where the processing and translation will take place. See Figure 9.



**Figure 9:** The language selection screen

After the processing and the translation on the server is completed, the files from the server will be downloaded and the user will be taken back to the screen with the selections. The user will now have to press either the ‘speaker’ button or the ‘page’ button on the screen to perform the desired action. Pressing the ‘speaker’ button will read the translated text of a particular selection, if the user taps on that particular selection. Pressing the ‘page’ button will display the translated text of a particular selection, if the user taps on that particular selection. See Figure 10.



**Figure 10:** Perform action