

# VoiceCart

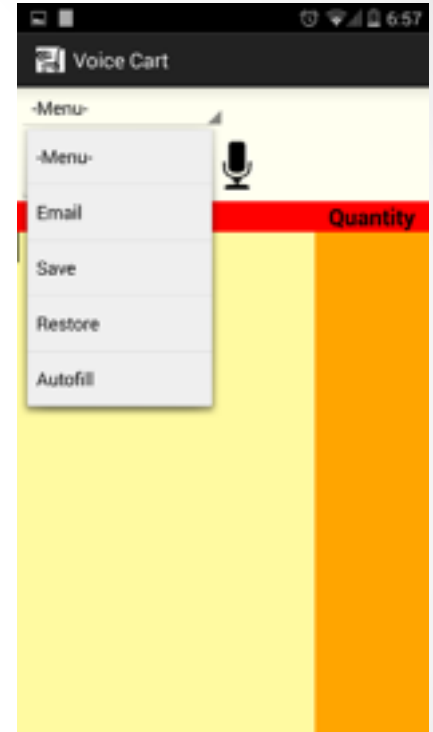
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# Overview

- An android app to intelligently edit/create/sync your shopping cart
- Customized features to facilitate grocery shopping cart creation

# Features

- Voice recognition for data entry
- Custom voice commands
- Email/Sync to google drive
- Save/Restore on a date basis
- Auto Fill
  - Auto generate based on previous history and frequency.



# AutoFill Demo

Voice Cart

-Menu-

01/01/2014

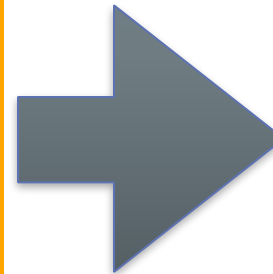
Item	Quantity
Apple	7
Milk	1 gallon

Voice Cart

-Menu-

1/2/2014

Item	Quantity
Apple	7
potato	6



Voice Cart

-Menu-

1/3/2014

Item	Quantity
Apple	

# Future Improvements

- More custom voice commands
- Integrate OCR (optical character recognition) library (Open Source Library called TESSERACT)

# References

- Speech to Text:- <http://developer.android.com/reference/android/speech/package-summary.html>  
<http://www.jameselsey.co.uk/blogs/techblog/android-how-to-implement-voice-recognition-a-nice-easy-tutorial/>
- Email and account management:- <http://stackoverflow.com/questions/2197741/how-to-send-email-from-my-android-application>
- Android widget integration and other general information:- <http://developer.android.com/> <http://stackoverflow.com/>
- [stackoverflow.com/](http://stackoverflow.com/)