# Coupons Nao

## User Manual

**VERSION 1.0**

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*Available for download at couponsnao.sourceforge.net*

## What is Coupons Nao?

Coupons Nao (pronounced "Coupons Now") is a location-based coupon finder for Android's thriftier users. Find great deals and coupons for businesses in your location uploaded by your community.

### Our History

Coupons Nao was developed by a team of college students at the University of Central Florida as part of a semester-long project. This application is the output of hundreds of hours of labor, stacks of documentation, gallons of caffeinated beverages, and many boxes of pizza.
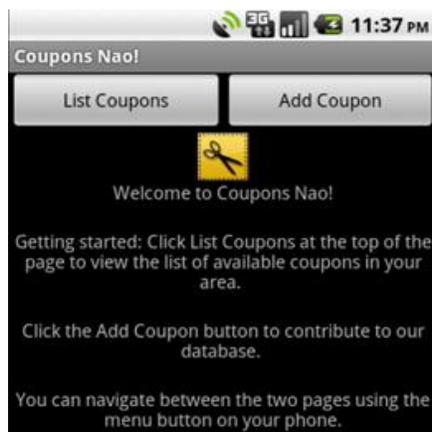
### Where to Download

We are hoping to launch our application in the Android Marketplace shortly. The packaged project is current available for download at couponsnao.sourceforge.net, but is not runnable without an Android device or a valid Android Virtual Device (AVD).

Coupons Nao is designed for Android phones running Android 2.2.1 or higher. We cannot guarantee backwards compatibility with older versions of Android. Note: If running on an Android Virtual Device, the program will crash for emulator version 2.3.3 due to a bug in the emulator.

## Getting Started

Before you get started, you need to download the application from the Android Marketplace. You will be prompted to grant Coupons Nao permission to access your location (to give you deals and coupons in your area) and the Internet (to retrieve coupons from our database). Once you agree to these terms the application will be downloaded.

From your phone, locate the Coupon Nao application from your application menu. The icon is a yellow square with a pair of scissors.



When the application starts you will be brought to the home page, which has a short introduction and two buttons at the top to get you started. "List Coupons" will begin by giving you a list of companies in your area, from which you can select coupons. "Add Coupons" gives you a form in which you can submit information about a coupon of your own to add into our database. User contributions are what make the database populous and powerful. If you find a good coupon, share the wealth!
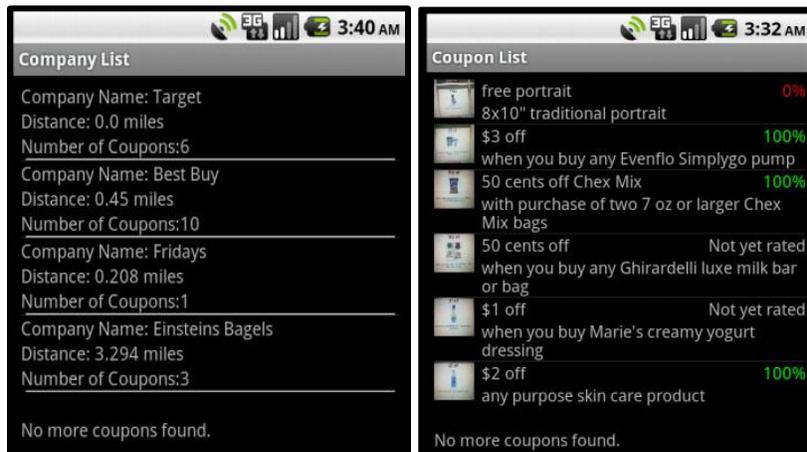
Once on the home page a short pop-up should display with your current location. Once you receive this pop-up you are ready to start. If you don't receive this pop-up, make sure your GPS Connection is enabled and that you are connected to the Internet (Wi-Fi is acceptable if you do not have a 3G connection).

When you leave the home page, you can navigate between the coupons list and the add page by clicking the Menu button on your phone.

## List Company

The List Company option from the menu (called 'List Coupons' on the home page) gives you a list of Companies that exist in your area. The default radius is 10 miles from where you're standing.



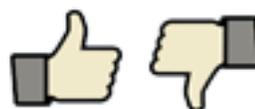*Company List*                    *Coupon List*

### Finding a Coupon

To find a coupon, click on the company to which that coupon belongs to. A new list will pop up of all the coupons that are native to that specific location. This list view will show you a thumbnail of the coupon and a quick summary. To view more information, click on the coupon.

### Rating a Coupon

The legitimacy of our database hinges on users rating coupons "good" or "bad" based on their success with using the coupon. The higher the rating, the more likely a coupon is to work.  A new coupon in the database is not assigned a rating.

To rate a coupon, click on it from the coupon list view. Along with extra information about the coupon you will be given a "thumbs up" and a "thumbs down" button. These buttons control your rating for the coupon. You can only rate a coupon once – if you hit either button again, it will update your vote. This way, users can't corrupt the database by massively rating fake coupons.

Once the rating has been processed by our database, you will receive a message confirming that you have voted. From there, the screen will stay open if you wish to continue viewing the coupon. Click 'Go Back' to return to the list of coupons.

### Sorting Coupons

In the coupon list view, you can sort the order you view the coupons in. The order they are received from the database is arbitrary. Coupons can be ordered by:

- Description
- Rating
- Expiration Date

To change the order in which the coupons are shown, click the Menu button, go to Sort By, and then choose the option from the pop-up menu.

## Add Coupon

To access the Add Coupon page, either click the Add Coupon button from the home screen or click the Add Coupon button from the menu.

In order to add a coupon to the database, you must supply the following fields:

- **Company Name**
  - o The name of the company for which this coupon can be redeemed at
  - o The application automatically searches for existing companies in the area to prevent duplications. As you type, a drop down list will appear to list the company name and the distance from your current location (to determine which specific location the coupon pertains to, in the event of multiple locations).
  - o If the business for which you want to add a coupon does not exist in our database, just type in the name and we will create a new entry for it.
- **Coupon Name**
  - o A brief description of what the coupon is used for
- **Expiration Date**
  - o The first day for which this coupon is no longer valid
- **Coupon Description**
  - o A longer description of what the coupon is used

for, along with any special terms, conditions, or codes.

- **Image** *(Optional)*
  - ○ Supply an image that is saved on your phone. Clicking 'Select Image From Gallery' will open the Gallery application on your phone (if you have multiple photo-viewer applications, you will be prompted for which one you would like to use). Click the image you would like to use as your thumbnail and you will be brought back to the application. You will be notified if for some reason retrieving the image did not work.

## Troubleshooting

Don't see your question here? Feel free to ask us at a our forum, *http://sourceforge.net/projects/couponsnao/forums/forum/1375397*

**Problem:** Received 'Unknown Host Exception' and application crashes.

**Solution**: Your phone may not be connected to the Internet, or have a strong connection to the Internet. Verify that you have 3G service or have a stable connection to a Wi-Fi network and reload the application.

**Problem**: The application is reading in the wrong location. That's where I was 10 minutes ago.

**Solution**: Sometimes the application cannot update your location if you lose your connection to the Internet or your GPS signal. Reload the application and try again, it should read in your new location and show you a new list of coupons!

**Problem:** I added my coupon to the database, but I don't see it displayed!

**Solution:** Make sure that your search radius is wide enough to include the coupon you just added in your search. As the application grows larger, the more time it may take more time for our database to update and reflect recent changes.

**Problem:** The application is sluggish, everything takes a while to load.

**Solution:** Our application communicates with a database, which requires a strong connection to the Internet. The better your connection, the faster the application will be able to send and retrieve information from our database. If possible, try using a more stable connection.

**Problem:** I tried using a coupon, but it didn't work. Why?

**Solution:** Due to the vast size of our database, it is impossible to check the legitimacy of each coupon prior to it being uploaded, outside of several smaller checks (like checking the coupon isn't expired prior to being uploaded). If a coupon does not work, rate it down and eventually it will no longer be shown.