A guide to using GreenQode

Links

Official GreenQode website: www.greenqode.org
Email address for queries regarding GreenQode: contact.greenqode@gmail.com

Standard terminology used in this document

A *community* is an account on the platform. A community could be a park, residential complex, campus, or a manager of multiple of them.

An *item* is an umbrella term for a tree or plant that you add to the platform. An item is managed by an individual community.

A *QR code* is a square image consisting of an array of black and white squares. When scanned with any modern phone camera, it gives information to the phone. Usually, this is a web link that automatically opens a website or webpage on the device.

A *group* is a collection of items (trees or plants). A group can consist of a number of *active* or *inactive* items.

Steps for a community manager

Creating an Account

If you or your organisation **do not** have an account on GreenQode, then you can create an account on the platform.

1. Open www.greenqode.org in your browser. You should see something like this:

Click the 'sign up' button in the top right to proceed.

2. Create an account for community using the signup page.

Register your Community

Community username:

City_Townsville_Park

Community email:

community@email.com

Community password:

pa55w0rd

Confirm password

pa55w0rd

Register

Already have an account? Login here

3. Log in with the account you just created

GreenQode   Home   About ⌄   Sign up   Log in

Log In

Username

👤 Your community username

Password

🔒 Password

Login

Don't have an account for your community? Make one

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4. You should be redirected to this page upon successfully logging in:

GreenQode   Home   My Community   About ⌄   Log out

Your Collection
GreenPark

All items   Groups

Get started adding plants and trees to your community   + Add item

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This is your collection page. This is the main page where you can add items and groups, take printouts, and generate shareable links.

Adding Items

Plants and trees are the most basic component of anything you do on the platform.

1. Click the green 'Add item' button

Your Collection

GreenPark

All items   Groups

Get started adding plants and trees to your community   **+ Add item**

Contact

Email **contact.greenqode@gmail.com** if you have any queries, suggestions, or feedback regarding GreenQode.

About

About GreenQode
Team
Our tech stack

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2. You should see a page like this:

Add Item

Name

Tree or plant name

Description

What people will see when they scan the code. You could talk about the uses of this tree or plant – cultural, medicinal, religious, and more. You could also include interesting facts, like the history of this species or a story you have about this particular tree or plant.

🔍 Search for details on Google

Number of items (this determines the number of QR codes printed for this tree or plant when you print QR codes for your entire community). Only you can see this.

1

✔ **Add item**

3. Fill in details for the plant or tree in the fields as described by the form. You can use the 'Search for details on Google' to quickly open a Google search for the name you just entered.

Once you're done, click 'Add item'

4. You should be sent back to your collection page, this time with the item you just added and a new 'Print QR codes' button.
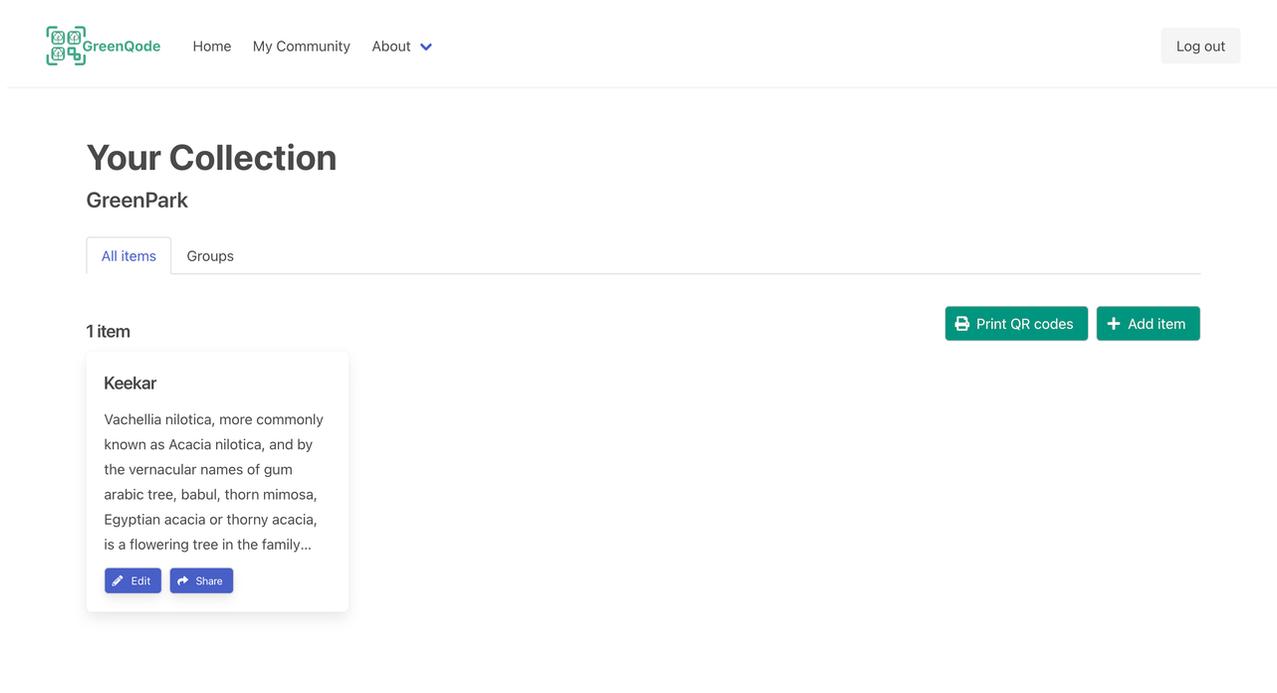
You can edit the item any time you like using the 'edit' button for the item. You can also delete the item from the edit page.

Printing QR codes

The primary function of GreenQode is that it enables you to print QR codes for your plants and trees, and place them on or next to those plants or trees in your community.
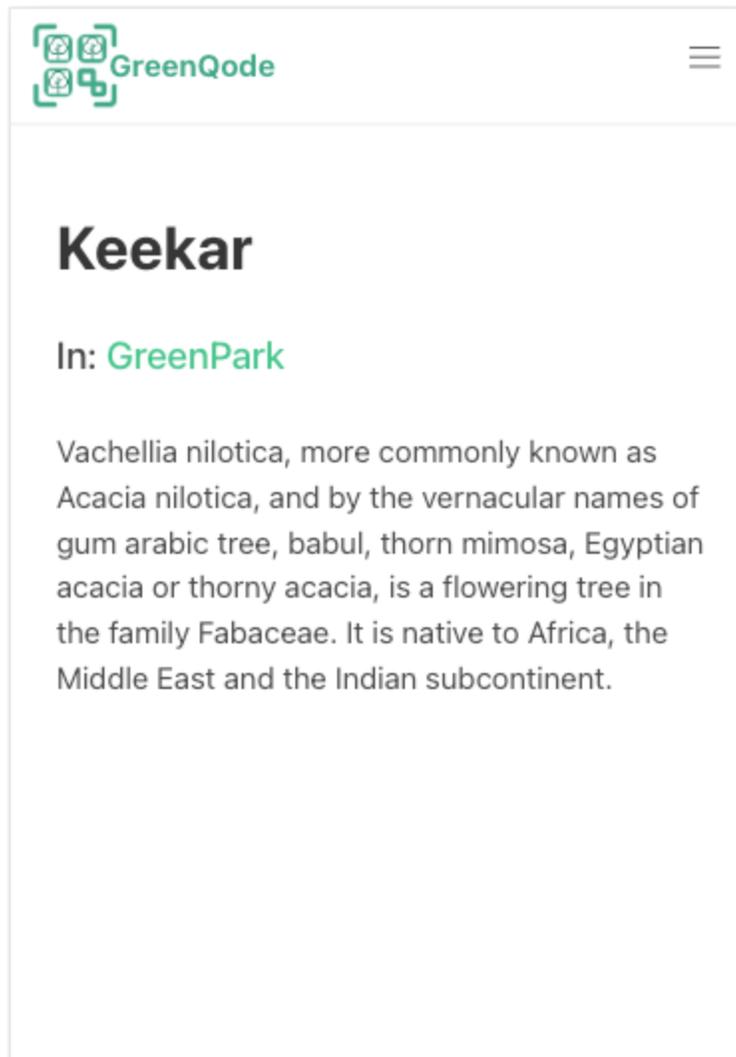
In this example, let's say that you added 20 Keekar trees in the previous step, and just added another 20 of another item, for example, a Peepal true.

If you click the 'Print QR codes' button now, a new page should be opened with a PDF:

Keekar Keekar

Keekar Keekar

Each page contains 6 QR codes. There are 40 codes in total in this document. Each page contians cutting lines so that you can cut out the codes themselves. Once cut, the codes will not have any of the text below them - that text is only there to help you identify the codes before putting them up.

When a QR codes for the Keekar tree is scanned, people will see the exact same information that you entered for it:

Keekar

In: GreenPark

Vachellia nilotica, more commonly known as Acacia nilotica, and by the vernacular names of gum arabic tree, babul, thorn mimosa, Egyptian acacia or thorny acacia, is a flowering tree in the family Fabaceae. It is native to Africa, the Middle East and the Indian subcontinent.

Any time you update information on your dashboard, the information on this page will automatically change - but you **will not** have to change the QR codes. The codes always link to the latest information.

Creating Groups

A *group* is an advanced feature of the platform. It allows you to create focused collections of plants and trees. You can add information about the number of plants or trees in a group.

For example, if you wanted to start a plantation in your community, you could create a *group* for that. You could selectively add plants and trees to it - using the same

plants and trees you added earlier - and customise the number of plants alive or dead in the plantation at any time. You can also take a printout of QR codes specifically for that group. The number of QR codes in the printout will be determined by the number of alive plants you've set for that group.

1. Click on the text that says 'Groups' next to 'All items'. You should see something like this:
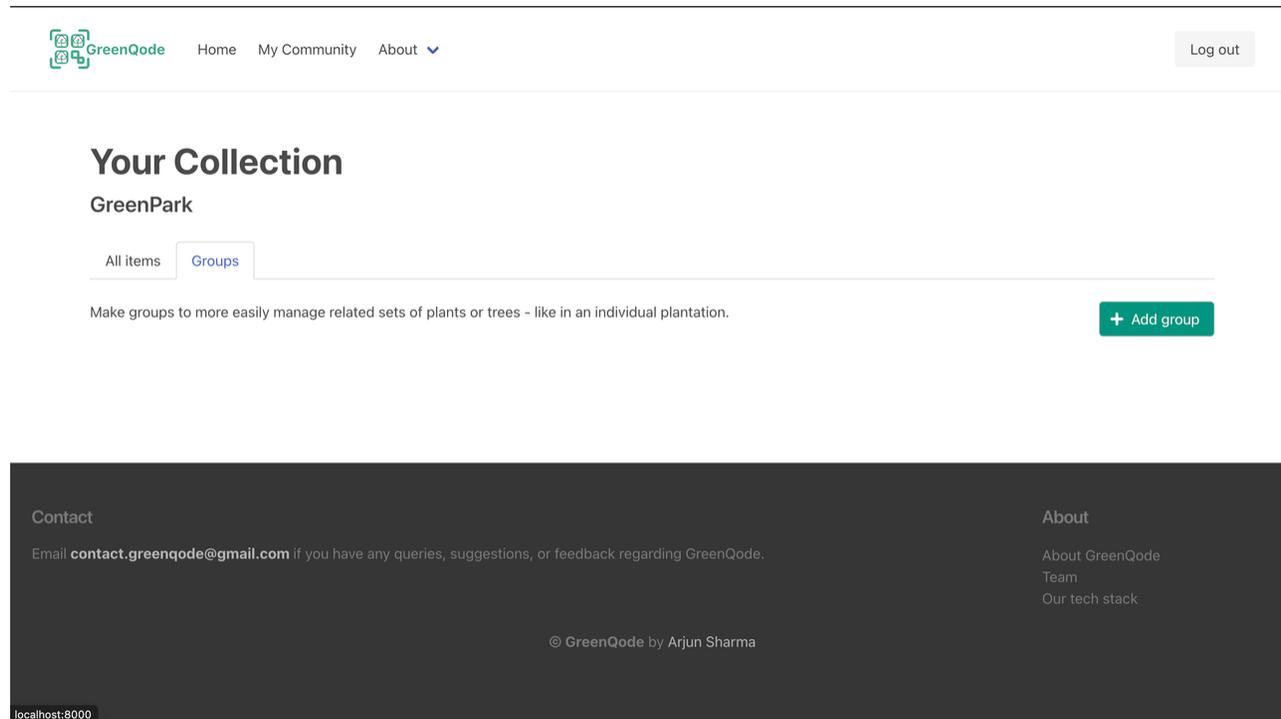
2. Click the button called 'Add group' to create a group. You should see a screen like this:

Home   My Community   About ⌄

Add group

Group information:

Group name

My plantation

Group location

Plantation Area #2

Plants and trees in this group:

Number of Keekars in this group

| Active | Inactive |

Number of Peepals in this group

| Active | Inactive |

✔ Create group

In addition to general information about the group such as its name and location, also notice that fields are automatically generated for each of your items. This account has two trees added - Keekar and Peepal - so the form prompts you to add information about the two.

All you need to add for this to be a valid group is a number for _one_ of the items. The rest will be left as blank automatically.

For example, this would be a valid configuration:

Add group

Group information:

Group name

Plantation 2

Group location

Park B

Plants and trees in this group:

Number of Keekars in this group

20 | Inactive

Number of Peepals in this group

Active | Inactive

✔ Create group

It would automatically create a group with 20 Keekars.

You can view all your groups on this page under the 'Groups' tab. Click 'All items' to go back to viewing individual items

Your Collection

GreenPark

All items | Groups

You have 1 group

+ Add group

Plantation 2
Park B

20 plants and trees in this group
20 active, 0 inactive

✏ Edit | 🖨 Print | ↗ Share

You can edit the information for a group, or delete it, by clicking the 'edit' button.

Group Actions

You can **share** a group by clicking the 'share' button for a group. This will copy a link to your computer which will be pasted when you Ctrl / Cmd + V.
This link can be sent to anyone - regardless of whether they have a GreenQode account or not - where they will be able to see the information you entered for that group. This allows you to easily share information about a particular plantation.
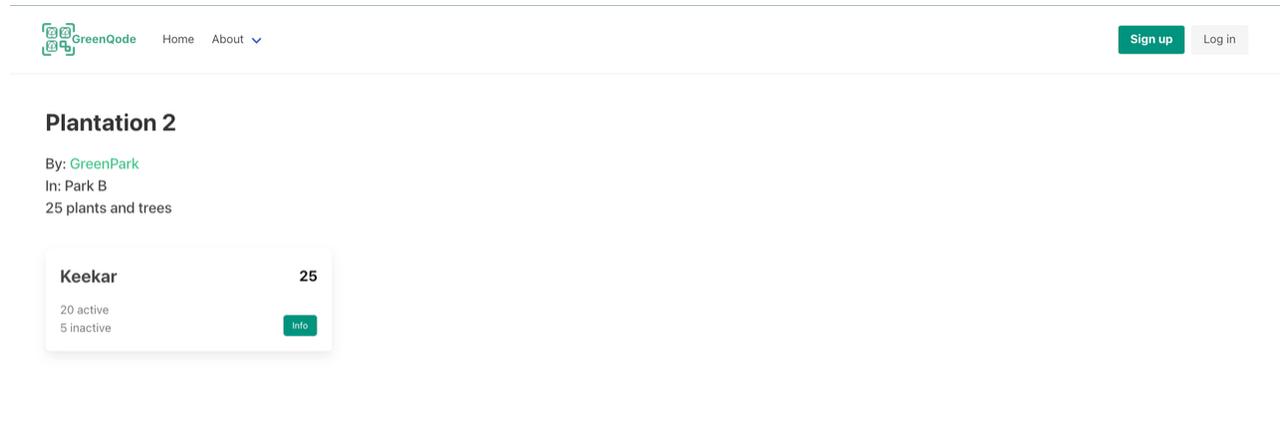
As you update details about the group - for example, the number of alive and dead items of a particular tree or plant - the information on that link will also update. You only need to share the link once.

You can also **print** the QR codes for a particular group. Click the 'print' button for that group and you will see a printable PDF, like before, but this time **only with the QR codes for active items for that group.**

Keekar

Keekar

Contents

Keekar

Keekar
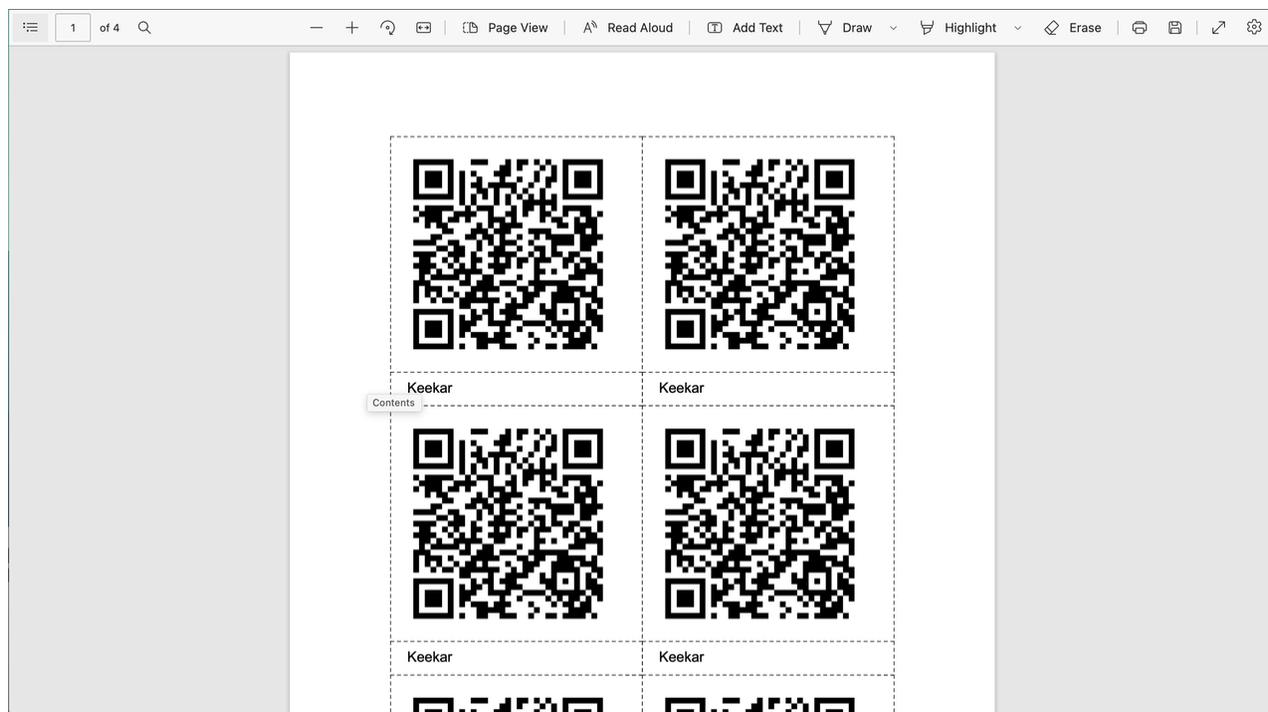
Steps for an ordinary user

QR Codes

When someone encounters a QR code, they need to scan it with their phone's default camera app. Usually, that should automatically recognise the code and open the link for that code, but some users may need to install a third-party QR scanning app to be able to open the link.

Once that happens, they can read the information entered for the corresponding item on their mobile phones. They can also save the link and share it with other people or view it later.

Groups

Links for groups work so long as the group is not deleted by the community that owns the group. The link can be shared with anyone and does not require authorisation to view (however, only the owner of the group can edit it).