

(GiftGarden or GiftGrasshopper) Architecture Design Document

Oct 12, 2016 - Version 1.0 - Confirmed data tables, fix named routes table

Oct 11, 2016 - Version 0.2 - Added formatting; additional donor address fields

Oct 4, 2016 - Version 0.1 - Initial document

This document clarifies the data model for the GiftGarden/GiftGrasshopper program. We will update with additional data fields and routes as necessary.

Data Tables - Activity

Activity	
*id	integer
name	string
start_date	datetime
end_date	datetime
goal	float
description	text
notes	text
*created_at	datetime
*updated_at	datetime

\$ rails generate model Activity name:string start_date:datetime end_date:datetime goal:float description:text notes:text

Notes:

*Add recurring activities?

Data Tables - Donor

Donor	
*id	integer
first_name	string
last_name	string
address	string
address2	string
city	string
state	string
zip	integer
phone	string
email	string
notes	text
*created_at	datetime
*updated_at	datetime

\$ rails generate model Donor name:string address:string address2:string city:string state:string zip:integer phone:string email:string notes:text

Notes:

*Add related donors?

*Only 1 relation right now, how to fix...?

Data Tables - Gift

Gift	
*id	integer
donor_id	integer
activity_id	integer
amount	float
type	string
notes	text
*created_at	datetime
*updated_at	datetime

\$ rails generate model Gift donor:references activity:references amount:float type:string notes:text

Notes:

*Need belongs_to: donor, belongs_to: activity (*these are created by the generate command)

Data Tables - User

User	
*id	integer
email	string
password_digest	string
admin	boolean

```
$ rails generate model User email:string password_digest:string admin:boolean
```

Notes:

*Add users and authentication in sprint #2

*User is now a very basic model. It does not have the ability to reset its password or the ability of 'remember me'. I kind of remember that we talked about letting the admin to change the password not the user?

Named Routes

Screen Name (From UX Document)	Action	Path	URL
Login.1 The first screen for user log in. But if user has already logged in, redirect to /home		root_url	/
Home.1			/home
New.1 New Gifts	new	new_gift_path	/gifts/new
Gift.1 Surf Gifts	index	gifts_path	/gifts
Gift.2 New Gift	new	new_gift_path	/gifts/new
Gift.3 Show Gift details	show	gift_path(gift)	/gifts/<GiftID>
Gift.3 Edit Gift	edit	edit_gift_path(gift)	/gifts/<GiftID>/edit
Activity.1 Surf Activities	index	activities_path	/activities
Activity.2 New Activity	new	new_activity_path	/activities/new
Activity.3 Show Activity details	show	activity_path(activity)	/activities/<ActivityID>
Activity.3 Edit Activity	edit	edit_activity_path(activity)	/activities/<ActivityID>/edit
Donors.1 Surf Donors	index	donors_path	/donors
Donors.2 New Donor	new	new_donor_path	/donors/new

Donors.3 Show Donor details	show	donor_path(donor)	/donors/<DonorID>
Donors.3 Edit Donor	edit	edit_donor_path(donor)	/donors/<DonorID>/edit
Hyper.1 Display results of hyper surf			/search-results
Reports.1 List all report styles			/reports
Imp/Exp.1 Import or Export			/imp-ex
About.1			/about
Help.1			/help
Account.1			/account
Settings.1			/settings