

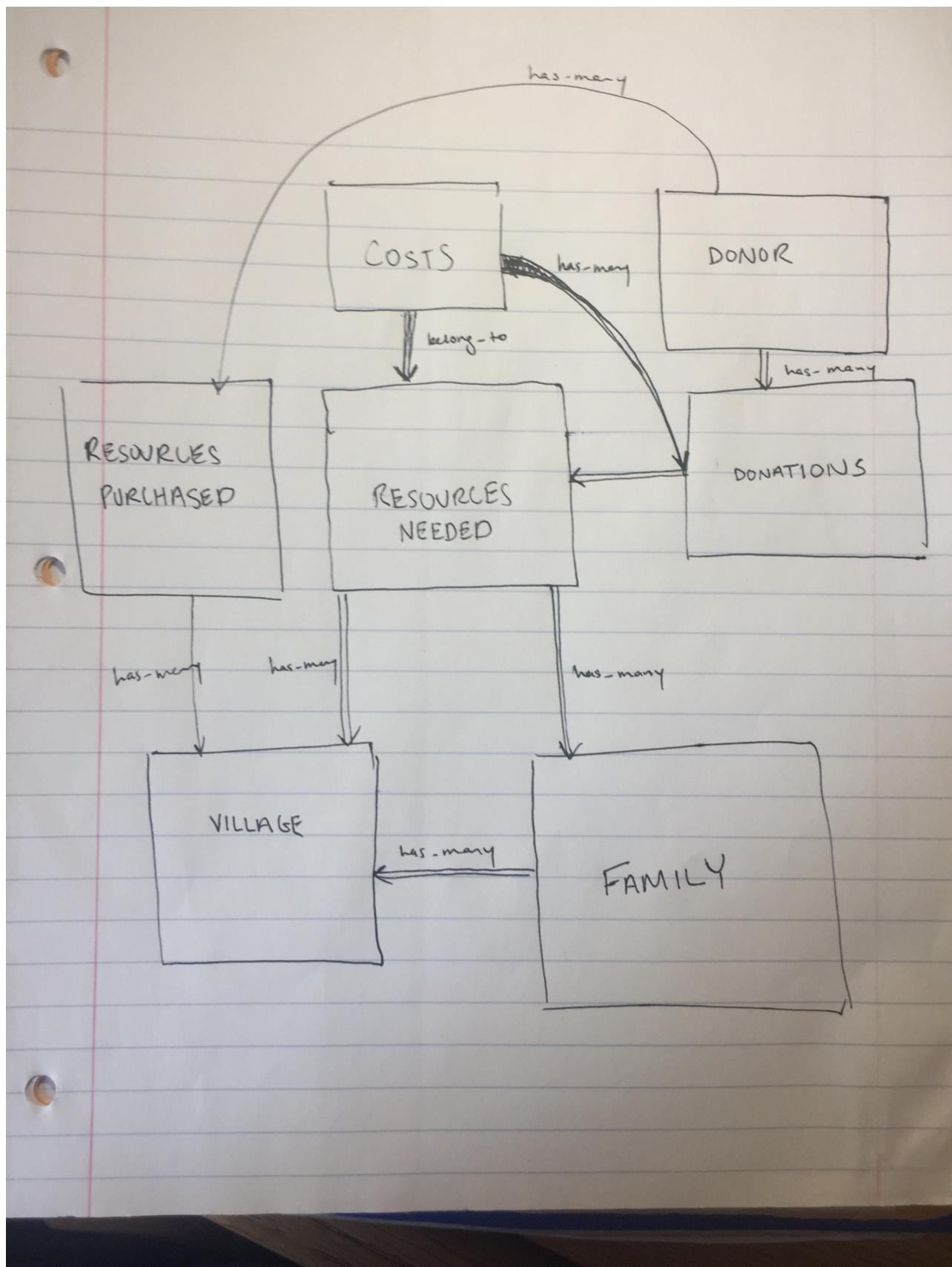
Rails Decal Final Project Brainstorming

Ideas so far:

- **Automated job search application**
 - link your email → automatically puts your job applications into a spreadsheet
 - other potential automations like sending followup emails
- **Connect donors to causes in developing countries -**
- Prompt: Create your own
- Background:
 - <https://mozayikvillage.org>
 - I'm part of a (real) nonprofit that needs a website to help donors see their impact on a community in need. The app would display a virtual representation of the community (this could be a data table of numbers and descriptions, or we could try to incorporate graphics), so that donors could watch it grow as they continue to fund its development in real life. (ex. if they donate \$50 towards a goat, and another user donates the remaining \$50, they can see their contribution in a progress bar, and they can see a goat being added to the village when it is fully paid for.) The nonprofit is called Mozayik Village and they are developing a plot of land to make shelter / education / basic needs accessible to Haitians who were displaced in the 2010 earthquake
- Summary:
 - Users can view crowd-fundraising progress made towards purchasing resources
 - Users can see an updated, graphic representation of village as resources are added in real-time
 - Processing payments
 - Users can interact and discuss / learn about the cause
 - News API
 - Users can donate quickly and directly by clicking on images of the resources they want to contribute towards
- Mood board:



• Goal reached November 28, 2017 – \$100,000



Schema Diagram

Ambition Features?

Roles

frontend
backend
API integration (partly backend)

API Notes

- Download the JSON beautifier chrome extension 😊
- Faraday gives us the ability to make calls to APIs

#controller

```
conn = Faraday.new
url = link.com/api + API_KEY
response = conn.get url
@res = JSON.parse(response.body)
```

#view.html.erb

```
<%= @res["article"].each do |article| %>
  <h2><%= article["title"] %></h2>
  <p><%= article["description"] %></p>
<% end %>
```

*refer to API documentation for request url