Code Critique for the Outlaws

Team Next Door
Redundant Code

- `app/models/user.rb`

```ruby
def getAds()
  if !isAdmin
    return advertisements
  end
  return advertisements + Advertisement.all.select{|ad| ad.user != self}
end
```

- “return Advertisement.all” would be sufficient
- no option for admin to see his/her own ads vs everyone’s ads (currently sees everyone’s)
Security Concerns

- Anyone can create a GRT or housemaster account
  - With a housemaster account, anyone can have admin permission

- Verification of emails
  - Consider instead of using regex, use a gem

```ruby
#validations (many from Colleen's project 3)
validates :name, presence: true
VALID_EMAIL_REGEX = /\A[\w+-]+@[a-z\d\-]+\.[a-z]+\z/i
#checks that the email is new/valid
validates :email, presence: true,
  format: { with: VALID_EMAIL_REGEX }, uniqueness: { case_sensitive: false }
```
Date Validation

- app/models/advertisement.rb
  - check for start and end dates
  - currently can have start date later than expiration date
    - though ad would never be shown if start date is later than expiration date

```ruby
def self.getAds_forDisplay(t)
  return Advertisement.all.select{|ad| ad.start <= t && ad.end >= t}
end
```
Access control for expired images

● Currently everyone can access images of expired ads if they have the URL

```ruby
def store_dir
  "uploads/#{model.class.to_s.underscore}/#{mounted_as}/#{model.id"
end
```

● Consider implementing some form of access control to expired images