Synapse
Team Friends!
Code Critique by String Quartet
Passing category params

The intention is to check whether a category was selected or not. Each param is mapped to a checkbox in the view, and if a checkbox was marked a match will be created.

However, this will not be efficient if you would like to add more categories, or if you would like to let your users add new categories.

First you should consider adding a table for categories so users will be able to create new tags. Second, consider changing your strong params to pass an array. To declare that the value in params must be an array of permitted scalar values map the key to an empty array:

```
params.permit(:id => [])
```

*https://github.com/rails/strong_parameters*
Rails Time and DateTime have formatting defined already, ie `strftime('%I:%M %p') = output: HH:MM AM`

You should use a model method to at least return all the events that match with the current user
FriendshipController:

This method could use some comments, or alternatively, better variable names.

For example, it is unclear at first glance why it is necessary to have both @match_preferences_strings and @match_dict.

MatchPreferencesController:

The logic in lines 2 and 3 of this method should be merged and moved to the model and called in the controller using a more conceptual method name (i.e. “get preferences”).

UserController:

Good job putting logic in the Users model and keeping the controller skinny!
Calendar Model

```ruby
def self.now?(event_start, event_end)
  current_time = Time.now
  if (current_time <=> event_start) >= 0 && (current_time <=> event_end) < 0
    return true
  end
  return false
end
```

Consider using the ‘cover’ function here: `(event_start..event_end).cover?(Time.now)` instead of this method (this function takes in two timestamps and will avoid any strange edge cases with timezones/strange dates.

Friendship Model

```ruby
def clear_preferences
  prefs = self.match_preferences
  prefs.each do |pref|
    pref.destroy()
  end
end
```

You could instead use `self.match_preferences.destroy_all`.

Events Controller

```ruby
class EventsController < ApplicationController
  def index
    # code
  end
end
```

This controller probably isn’t necessary, and should be removed.

Match Preferences Controller

```ruby
def category_params
  params.require(:{}).permit(:class_time, :study, :eat, :shop, :fitness, :party, :entertainment, :private, :uncategorized)
end

def other_params
  params.permit(:utf8, :authenticity_token, :friend_id, :{}), :commit
end
```

Why do you pass an empty hash as a parameter to your controller?