```ruby
64▾ post "/post-mentee-invite" do
65    @id = request.cookies.fetch("id")
66    @user = User.first(id: @id)
67    @last_Send = @user.last_send
68
69    # Time class works in seconds. 86400 is one day in seconds.
70    # We store the time since they last sent an invite in seconds.
71    # We check that the time time in last_Send and current time is greater
72    # then one day. If so we can do the actual invite/etc
73    # If there is no last_Send we can assume they never sent an invite and
74    # then we do the invite process.
75
76▾   if !@last_Send.nil?
77      time_Now = Time.new
78      time_Last_send = Time.at(@last_Send.to_i)
79      @mentor_Id = params.fetch("mentor_Id")
80▾     if time_Now - time_Last_send >= 86400
81        @id = request.cookies.fetch("id")
82        @user = User.first(id: @id)
83        @user.has_mentor = @mentor_Id
84        @user.last_send = time_Now.to_i
85        @user.save_changes
86
87        mentor = User.first(id: @mentor_Id)
88        email = mentor.email
89        subject = "You have been invited to a mentorship!"
90        body = "This mentorship is by #{@user.name}. Below is their introductor
91        puts "Sending email..."
92▾       if send_mail(email, subject, body)
93          puts "Email Sent Ok."
94▾       else
95          puts "Sending failed."
96        end
97        redirect "/mentee"
98▾     else
99        redirect "/view-mentor?id=#{@mentor_Id}&error=1"
100       end
101▾  else
102      time_Now = Time.new
103      time_Last_send = Time.at(@last_Send.to_i)
104      @mentor_Id = params.fetch("mentor_Id")
105      @id = request.cookies.fetch("id")
106      @user = User.first(id: @id)
107      @user.has_mentor = @mentor_Id
108      @user.last_send = time_Now.to_i
109      @user.save_changes
110      mentor = User.first(id: @mentor_Id)
111      email = mentor.email
112      subject = "You have been invited to a mentorship!"
113      body = "This mentorship is by #{@user.name}. Below is their introductory
114      puts "Sending email..."
115▾     if send_mail(email, subject, body)
116        puts "Email Sent Ok."
117▾     else
118        puts "Sending failed."
119      end
120      redirect "/mentee"
121    end
122 end
```

Listing A controllers/controllers_mentor.rb line 64 - 122

1

```
23 ▾    it "can display more information to mentees about a potential m
24        visit "/login"
25        fill_in "email", with: "Mentee1@gmail.com"
26        fill_in "password", with: "Password1"
27        click_button "Submit"
28        fill_in "job_Title", with: "System Admin"
29        select "Information technology", from: "industry_Sector"
30        click_button "Submit"
31        click_link "View More"
32        expect(page).to have_content "Your potential Mentor's profile
33        expect(page).to have_content "The description of your mentor"
34        expect(page).to have_content "Hello I am System Admin at UoS"
35      end
36
37 ▾    it "allows mentees to contact potential mentors" do
38        visit "/login"
39        fill_in "email", with: "Mentee1@gmail.com"
40        fill_in "password", with: "Password1"
41        click_button "Submit"
42        fill_in "job_Title", with: "System Admin"
43        select "Information technology", from: "industry_Sector"
44        click_button "Submit"
45        click_link "View More"
46        expect(page).to have_content "Add your introduction here!"
47      end
```

Listing B spec/features/filter_spec.rb line 23-47

```
135 ▾ post "/post-profile" do
136     @id = request.cookies.fetch("id", "0")
137     @user = User.first(id: @id)
138     @user.loadProfile(params)
139
140 ▾   if @user.validPass(params)
141       @user.save_changes
142       @privilege = @user.privilege
143       case @privilege
144 ▾     when "Mentee"
145         @user.degree = params.fetch("degree", "")
146         @user.save_changes
147 ▾     when "Mentor"
148         @user.job_Title = params.fetch("job_Title", "")
149         @user.industry_Sector = params.fetch("industry_Sector", "")
150         @user.save_changes
151       end
152       redirect "/dashboard"
153 ▾   else
154       redirect "/profile?error=1"
155     end
156 end
```

Listing C - controllers/controllers.rb line 135-156

2

```
14 ▾  describe "#load" do
15 ▾    it "loads the user's information into a new instance of the User object" do
16        params = Hash["first_name"=>"Alan","surname"=>"Smith","email"=>"AlanS@gmail.com","password"=>"Password1","confirmpassword"=>"Password1","privilege"=>"Mentee"]
17        user = User.new
18        user.load(params)
19        expect(user.first_name).to eq("Alan")
20        expect(user.surname).to eq("Smith")
21        expect(user.email).to eq("AlanS@gmail.com")
22        expect(user.password).to eq("Password1")
23        expect(user.privilege).to eq("Mentee")
24      end
25    end
```

Listing D spec/unit/user_spec.rb line 14-25

```
22
23    <% if @table_Show%>
24 ▾                  <table class = "centerTable" border="1">
25 ▾          <tr  id = "mentorTable">
26 ▾            <th>Name</th>
27 ▾            <th>Degree</th>
28
29            </tr>
30            <% @mentees.each do |mentee| %>
31 ▾          <tr>
32 ▾            <td><%= h mentee.name %></td>
33 ▾            <td><%= h mentee.degree %></td>
34 ▾            <td><a href="/view-mentee?id=<%= h mentee.id %>">V
35            </tr>
36            <% end %>
37          </table>
38    <% end %>
```

Listing E views/mentor.erb line 23-38

```
63    email = @mentee.email
64    subject = "Your mentorship by #{@user.name} has been accepted!"
65    body = "Please go back to the mentee dashbaord to see the commu
66    puts "Sending email..."
67 ▾  if send_mail(email, subject, body)
68      puts "Email Sent Ok."
69 ▾  else
70      puts "Sending failed."
71    end
72    redirect "/mentor"
```

Listing F controllers/controllers_mentor.rb line 63-73