

# Rails Girls App Tutorial

## 4. Add Comments

### 4.1. Create comment scaffold

**Coach:** Add a new entity to the application. Go with scaffold or migrations.

Create a comment scaffold, with the commentator name, the comment body (contents of the comment) and with the reference to the ideas table (`idea_id`).

```
rails g scaffold comment user_name:string body:text idea_id:integer
```

This will create a migration file that lets your database know about the new comments table. Run the migrations using

```
rails db:migrate
```

### 4.2. Add relations to models

You need to make sure that Rails knows the relation between objects (ideas and comments). As one idea can have many comments we need to make sure the idea model knows that. Open `app/models/idea.rb` and below the row

```
class Idea < ApplicationRecord
```

add

```
has_many :comments
```

The comment also has to know that it belongs to an idea. So open `app/models/comment.rb` and below

```
class Comment < ApplicationRecord
```

add the row

```
belongs_to :idea
```

## 4.3. Render the comment form and existing comments

Open `app/views/ideas/show.html.erb` and after the `image_tag`

```
<%= image_tag(@idea.picture_url, :width => 600) if @idea.picture.present? %>
```

add

```
<h3>Comments</h3>
<% @comments.each do |comment| %>
  <div>
    <strong><%= comment.user_name %></strong>
    <br>
    <p><%= comment.body %></p>
    <p><%= link_to 'Delete', comment_path(comment), method: :delete, data: { confirm: 'Are you
sure?' } %></p>
  </div>
<% end %>
<%= render partial: 'comments/form', locals: { comment: @comment } %>
```

In `app/controllers/ideas_controller.rb` add to the show action

```
@comments = @idea.comments.all
@comment = @idea.comments.build
```

Open `app/views/comments/_form.html.erb` and after

```
<div class="field">
  <%= form.label :body %><br>
  <%= form.text_area :body %>
</div>
```

add the row

```
<%= form.hidden_field :idea_id %>
```

next, remove

```
<div class="field">
  <%= form.label :idea_id %><br>
  <%= form.number_field :idea_id %>
</div>
```

That's it. Now view an idea you have inserted to your application and there you should see the form for inserting a comment as well as deleting older comments.