Steps to creating a scaffold project in Rails

In this example, I am creating a Rails project called college that contains a single database table for students.

1. Create the rails project: rails new college

2. Change directory into the project directory: cd college

3. Create a top level controller:

   rails generate controller college index

   This creates the files:
   app/controllers/college_controller.rb (with a method named index) and app/views/college/index.html.erb

4. Create a scaffolded site:

   rails generate scaffold student first:string last:string birthdate:date gender:string

   This creates the files:
   app/controllers/students_controller.rb
   app/views/students/{edit,index,new,show,_form}.html.erb
   app/models/student.rb
   db/migrate/20090928155603_create_students.rb

5. Create the empty student table in the database:

   rake db:migrate

6. Start the server:

   rails server

At this point, you can enter the URL http://localhost:3000/students. You will see an empty listing of students. From that page, you can create new students and modify existing students.