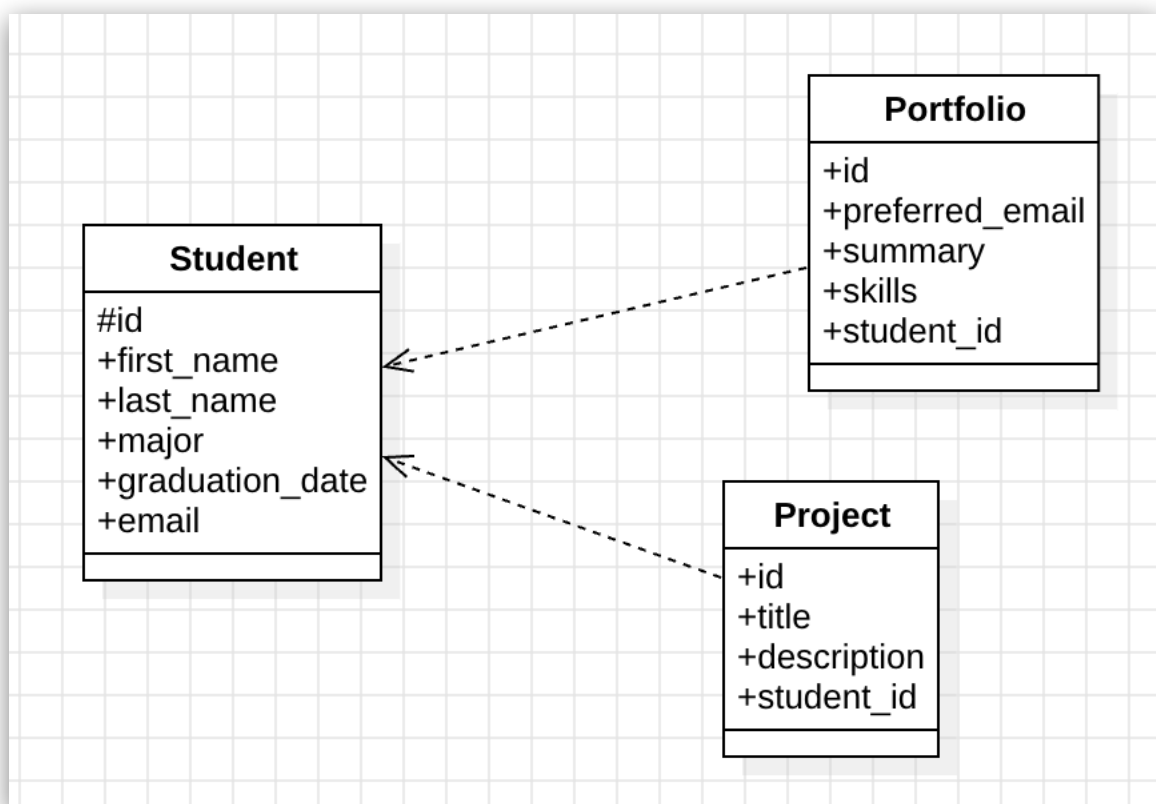# M06 Student/Portfolio/ Projects Relationships

The portfolio project in its current state features a one to one relationship between a student and their portfolio, which is really just professional contact listings now. The student also has a one to many relationship with projects as a student may have more than one project.

The UML Diagram for this project should be as something like:

After updating your project to the new files the professor provided, you need to make sure your files are set up properly. Inside of your student model file, you should have the lines:

```
has_one :portfolio, dependent: :destroy
has_many :projects, dependent: :destroy

after_create :create_portfolio
accepts_nested_attributes_for :portfolio
```

As well as:

```
def create_portfolio
        Portfolio.create!(student: self, active: false)
end
```

Your portfolio model file should only include 2 lines inside of the portfolio class:

```
belongs_to :student
serialize :skills, Array
```

Once you've got that going, you need to make sure your routing is taken care of in config/routes.rb. your file should include a few resources for your portfolio as well as your projects. Under Rails.application.routes.draw do, make sure you have:

```
resources :projects
resources :portfolios
```

Under that loop, you need to have:

```
resources :students, only: [:index, :show, :edit, :update, :destroy] do
        resource :portfolio, only: [:show, :edit, :update]  # Nesting portfolio under
        student
        resources :projects, only: [:show, :edit, :update] #Nesting projects
 end
```

In your student controller, make sure you have:

```
def set_student
        @student = Student.find(params[:id])
        Rails.logger.info "Students: #{@students.inspect}"
end

def correct_student
        unless current_student == @student
                redirect_to root_path, alert: "You are not authorized to modify this
                profile."
        end
 end
```