

SETUP BCrypt

Add the gem in the Gemfile (Gemfile)

```
#ADD THIS=> gem 'bcrypt-ruby'
```

Require BCrypt here (config > environment.rb)

```
#ADD THIS=> require 'bcrypt'
```

Add BCrypt methods to the 'User' model

```
include BCrypt

def password
  @password ||= Password.new(password_digest)
end

def password=(new_password)
  @password = Password.create(new_password)
  self.password_digest = @password
end

def self.authenticate(email, password)
  user = User.find_by_email(email)
  return user if user && (user.password == password)
  nil
end
```

MIGRATION ATTRIBUTE CHANGE (User)

```
Change this => t.string = :password
```

```
To this =====> t.string = :password_digest
```

COMPARE PASSWORDS (LOGIN)

```
@email = params[:user][:email]
@password = params[:user][:password]

@user = User.authenticate(@email,@password)

if @user
  session[:user_id] = @user.id
  erb :show_user
else
  @error = "Try again"
  erb :index
end
```

COMPARE USERNAMES (CREATE USER)

MAKE SURE YOU RE-MIGRATE YOUR TABLES TO REFLECT PREVIOUS CHANGE!!!