

# Selena-ai (registration)

First prompt to initialize the project, and generate an overview file

## 6 mins

@Codebase I want to recreate selena-ai (this is the link: [@https://selena-ai.com/](https://selena-ai.com/) ) i am only interested in the backend part of it, using ruby on rails with postgresql as my DB.

this is basically a time tracking system for employees, where an employee presses check in and check out to record their time spent working, check in to start a timer and check out to stop the timer, an employee can check in/check out multiple times in a day, and each employee can view only their details and time spent working, but can't view other people's details.

we have two roles a user (which is basically a normal employee with no additional functionality) and an admin, which is also an employee but with extra functionality, an admin can edit a user's check in/check out, view a user's time reports and invite another user.

time reports basically mean how many hours you worked for each day during a specific time period, that time period can be a month, a year or even a single day.

with these information, please generate an overview.md file inside my @sop directory.

some of the expected tables are:

companies, users, Time logs, holidays, vacations

Second prompt to create models with validations

## 8 mins

@sop @Codebase right now i am interested in the user registration module, when registering, the user will be prompted to enter the following fields:

Company Name, Timezone of the company, start day of the week that the company works, full name of the company owner (which will also be an employee and an admin at the same time) email, title, phone number (without country code), password and confirm password.

given these information, please generate the following:

- a user model along with its migration
- a company model along with its migration

make sure to handle the relations and associations between them.

make sure to add the following validations to the user model:

- name must be between 2-20 chars
- title should be between 2-20 chars
- phone number must be between 4-20 chars
- password and confirm password should match

also all the fields are required in the registration that we talked about above

update @sop to reflect the changes and create registration.md

## More prompts

@Codebase remove the relation of the owner/owned by in the user and company, keep the belongs\_to and has\_many relations

@Codebase i don't want any relation that indicates who owns the company, i only want the relation that a user belongs to a company and the company has many users, so please remove that other relation, and make sure the migrations are correctly modified

The generated migrations don't have timestamps so i had to manually update them:  
YYYYMMDDHHMMSS\_create\_companies.rb

@Codebase instead of having these password fields in the user.rb, use the has\_secure\_password to implement that for us, also add it to the gem file

## For creating the controllers

### 7 mins prompting

@Codebase i want to create all the necessary files to handle user registration completely including authentication and authorization, I want you to create a users controller with all the CRUD operations for creating a new user, and a companies controller with all the CRUD operations as well, i want you to also create an 'auth' controller to handle authorization using JWT token, make sure to make the controllers as skinny as possible, i want them to handle only requests and i want the logic to be in concerns, services, model but not in the controller, also make sure to update @sop you can create a new md file or update the existing files if necessary

@Codebase generate the necessary tests using rspec and add rswag to generate swagger api documentation

About **90-120 mins** cleaning and refactoring code, removing unnecessary associations, creating swagger apis and testing the generated code, as well as more prompts and chatting with the model.