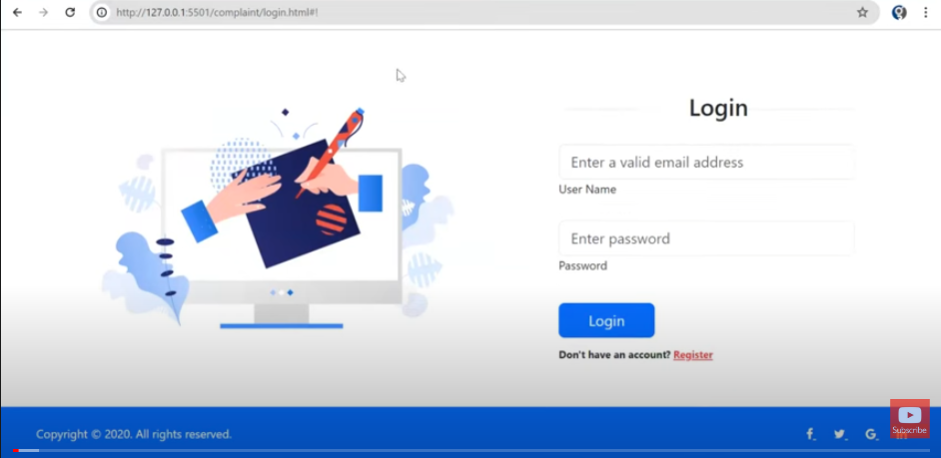
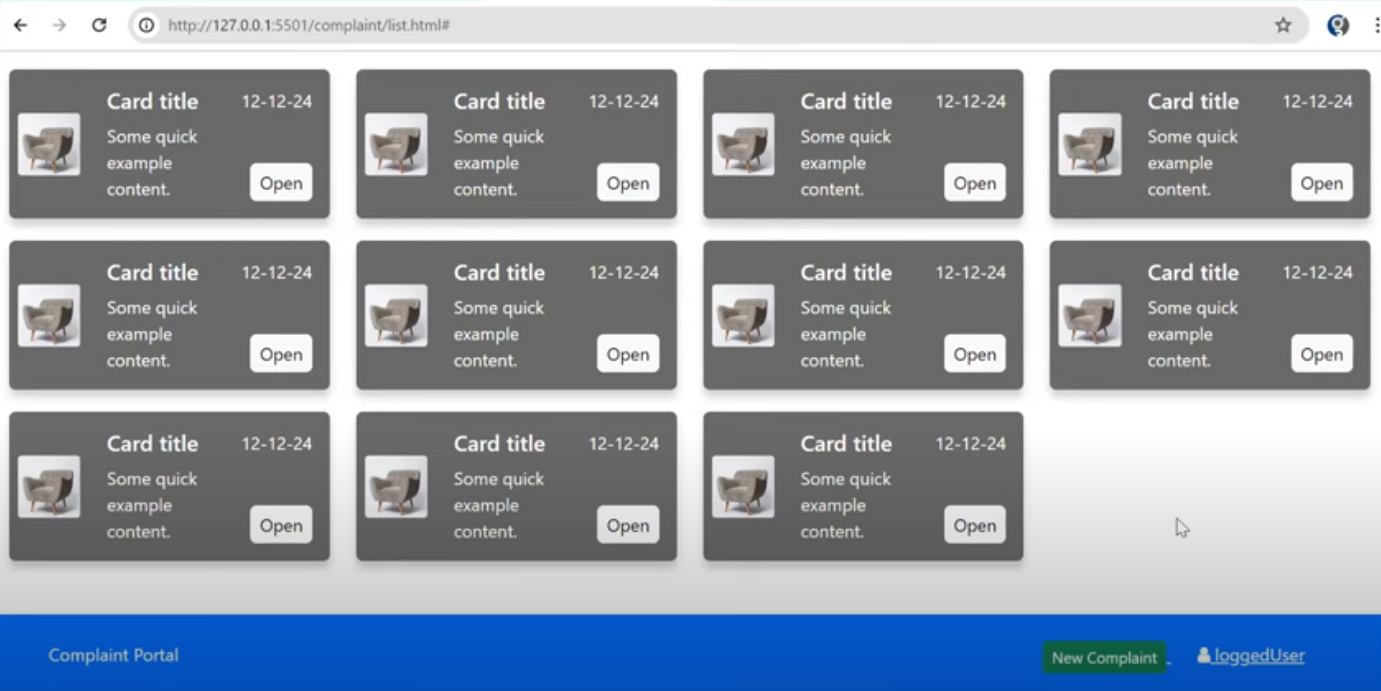
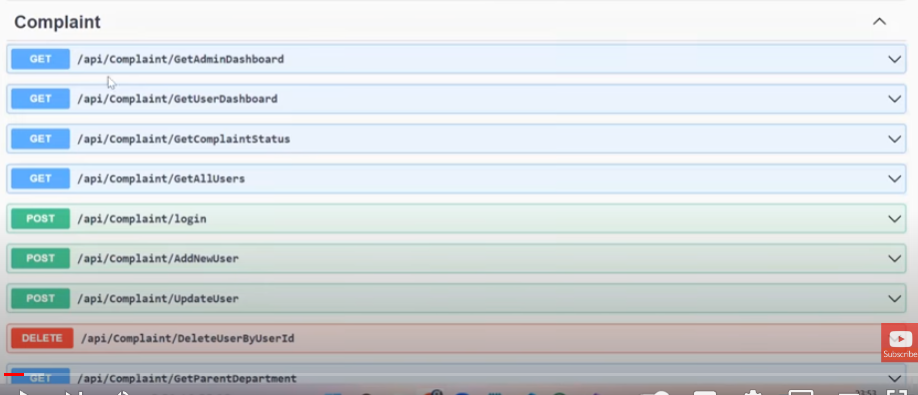
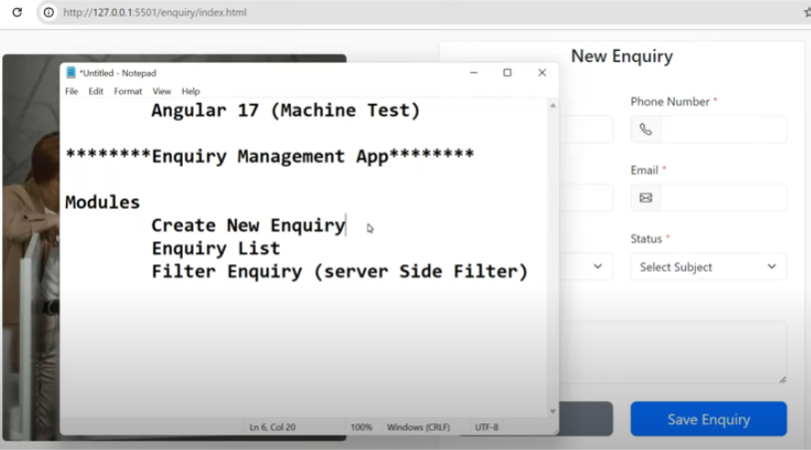
A screenshot of a computer

Description automatically generatedA computer screen with a computer and a pen

Description automatically generatedComplaint Management System

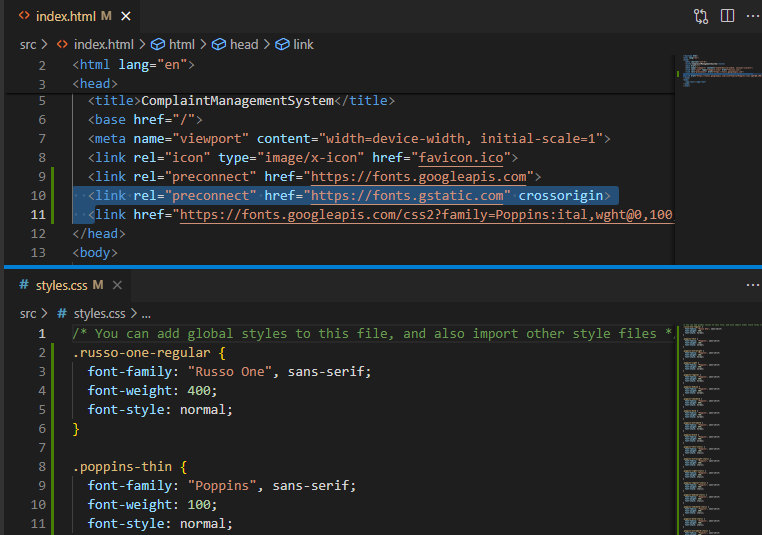
so, we will be focusing on on authentication, list of complaints, a form for new complaints and then a dashboard to give some general overview of all complaints.

A screenshot of a computer

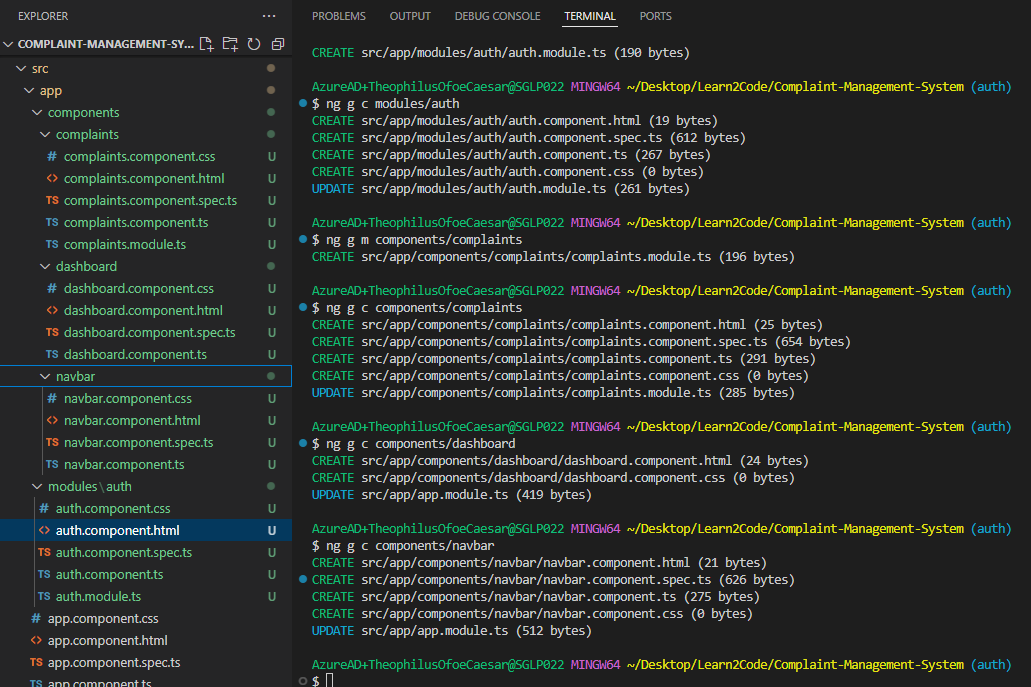
Description automatically generated

NB: list complaints and dashboard is going to look and feel different for both user and admin. Once we are done with this, we will be looking at an [enquiry management crud application](https://www.youtube.com/watch?v=KHiHa4kxD4g).

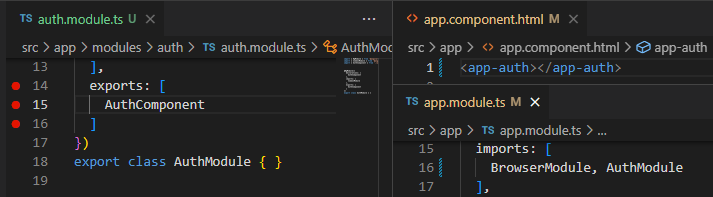
# Authentication Module

got a login template from figma, tweaked it a bit to suit our taste and we will start building.

Got fonts from google fonts and did the basic setup.



A screen shot of a computer

Description automatically generatedWe are going to have login and registration in our auth component, with toggle by Boolean and if statement.

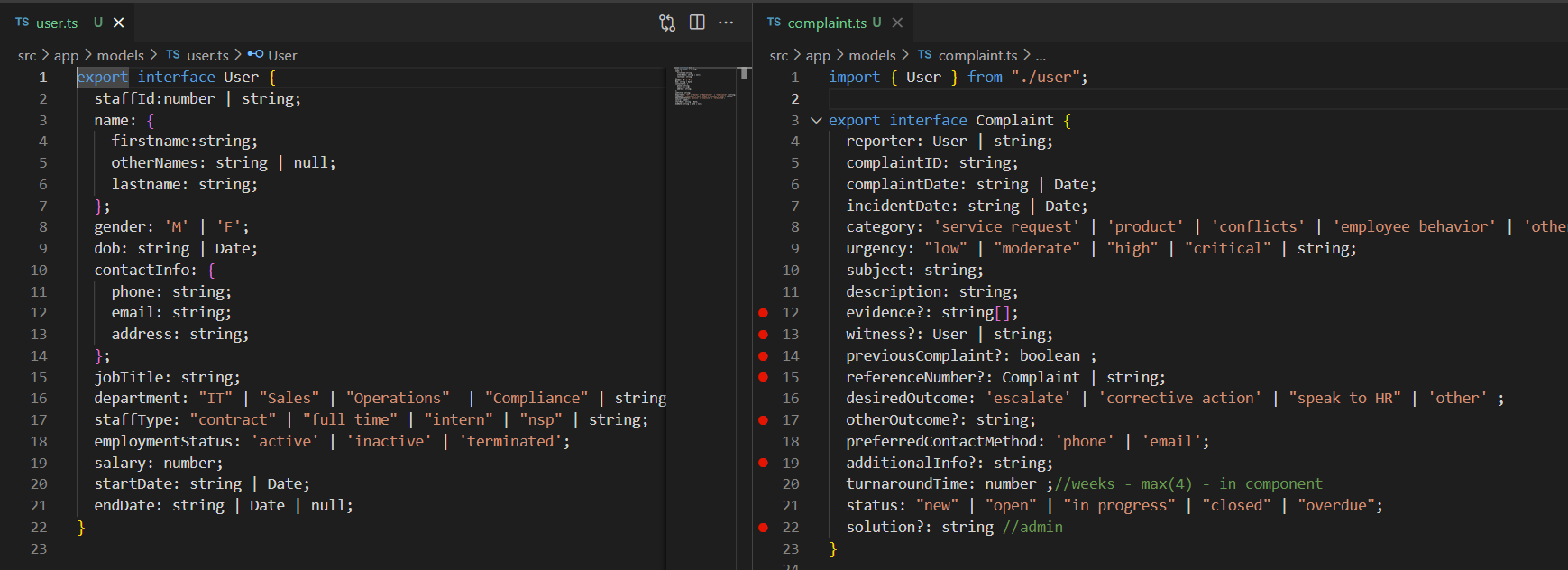
# Models

In here, we are going to create an interface for our user and complaints then configure json webserver for queries.

## Interfaces

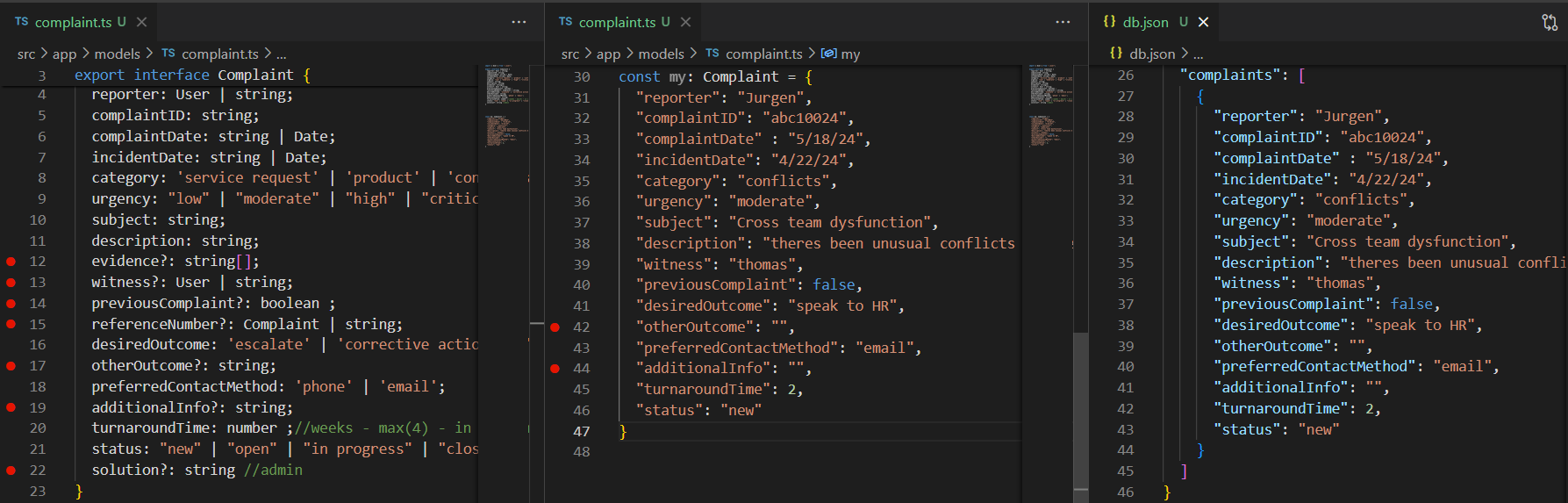
Below is a snippet of our interfaces: we might need to revisit this some other time.

User interface might need to have a password field for authentication purposes.

Complaints interface also has a few fields to be provided within the component and not by the reporter.

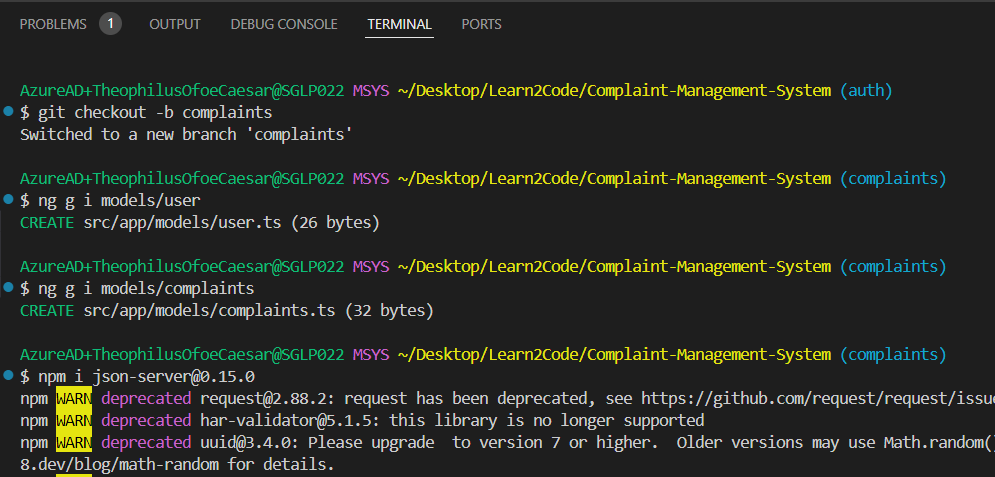
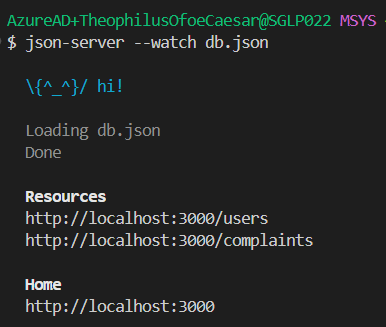
## Optional Operator (?:)

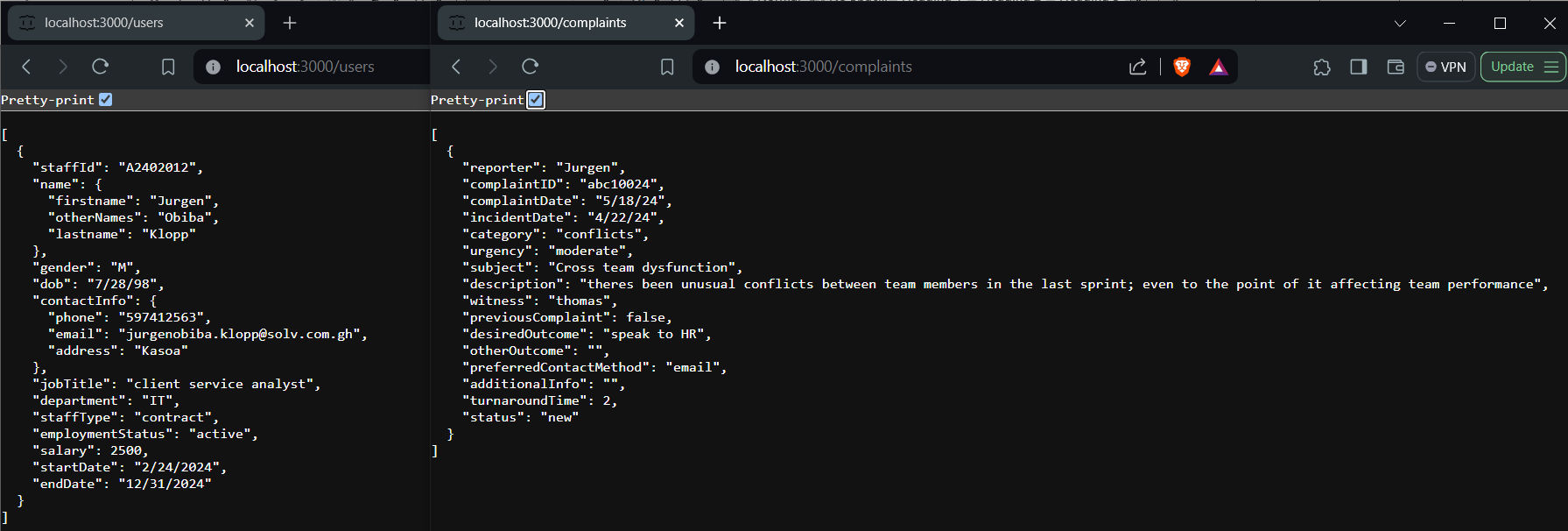
The optional operator(?:) used in our interface basically allows us set properties of objects as optional. In the breakpoint marked lines of our Complaint interface in the snippet above, we set those properties to optional so the form being field could lack those fields and work fine all the same.

 in snippet below, you will notice some fields are lacking in our instance within our db.json.

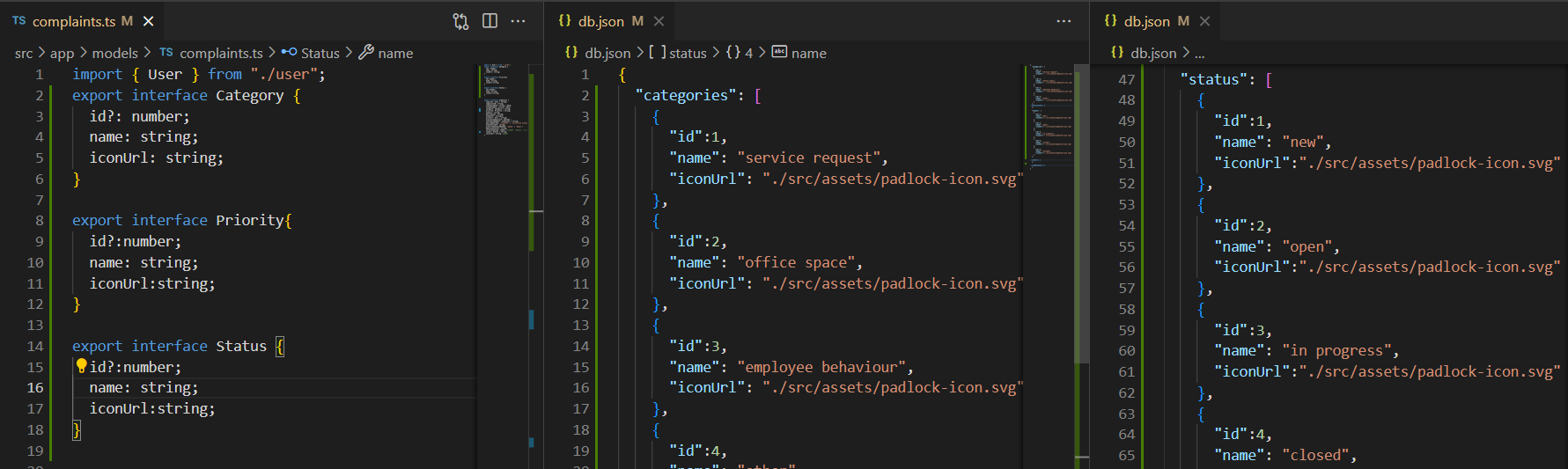
Went as far as to add some optional fields set to an empty string to an object inheriting from our interface but no errors. Success!

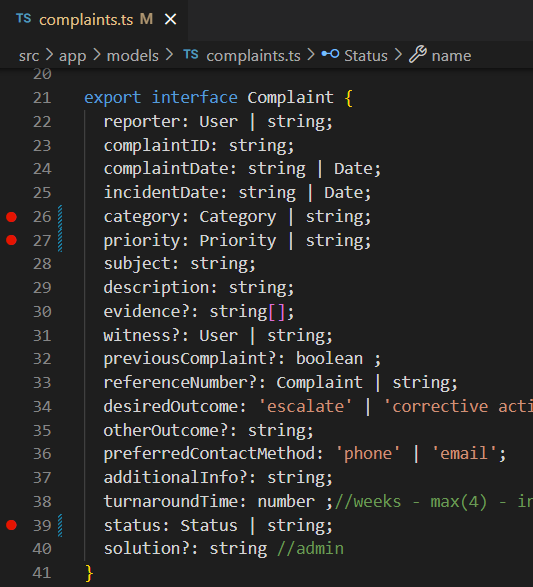
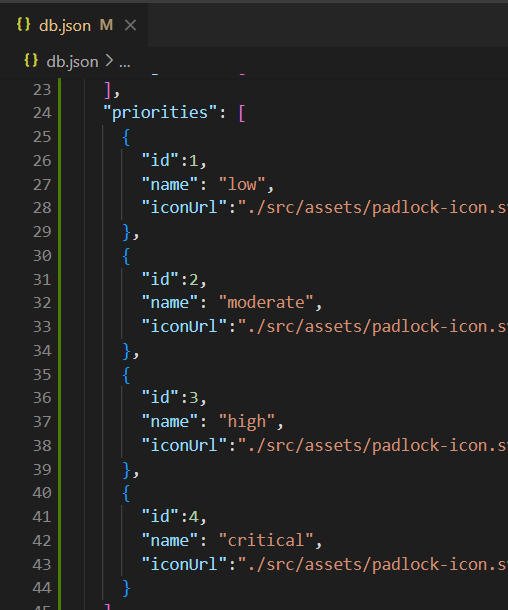
## Json server

Successfully installed version 0.15.0 for our version of angular.



## More models

For the purpose of our dashboard cards, we added a few interfaces to our models: Category, Priority & status.

NB: we added our various options to our db.json file.

We have also altered our complaint interface’s properties to be our new interfaces declared. There are 2 other’s we might later consider for interfaces.

The altered props we give an alternative type of string for dev purposes.