

Functions

In this task, I have developed several functions.

Registration

Upon the user entering their information, the details will be stored in the database, with passwords encrypted using bcryptjs. Additionally, I have implemented a check to determine whether the username already exists. If it does, the user will receive an alert notifying them of this issue. Furthermore, all inputs are subject to validation to ensure that no fields are left empty.

localhost:3000/register

localhost:3000 says
User name exist

OK

Home Repair

Home login

Name

Chris

Looks good!

Password

...

Looks good!

Phone

+610424068311

Looks good!

email

mick@deakin.edu.au

Looks good!

state

vic

Subcode

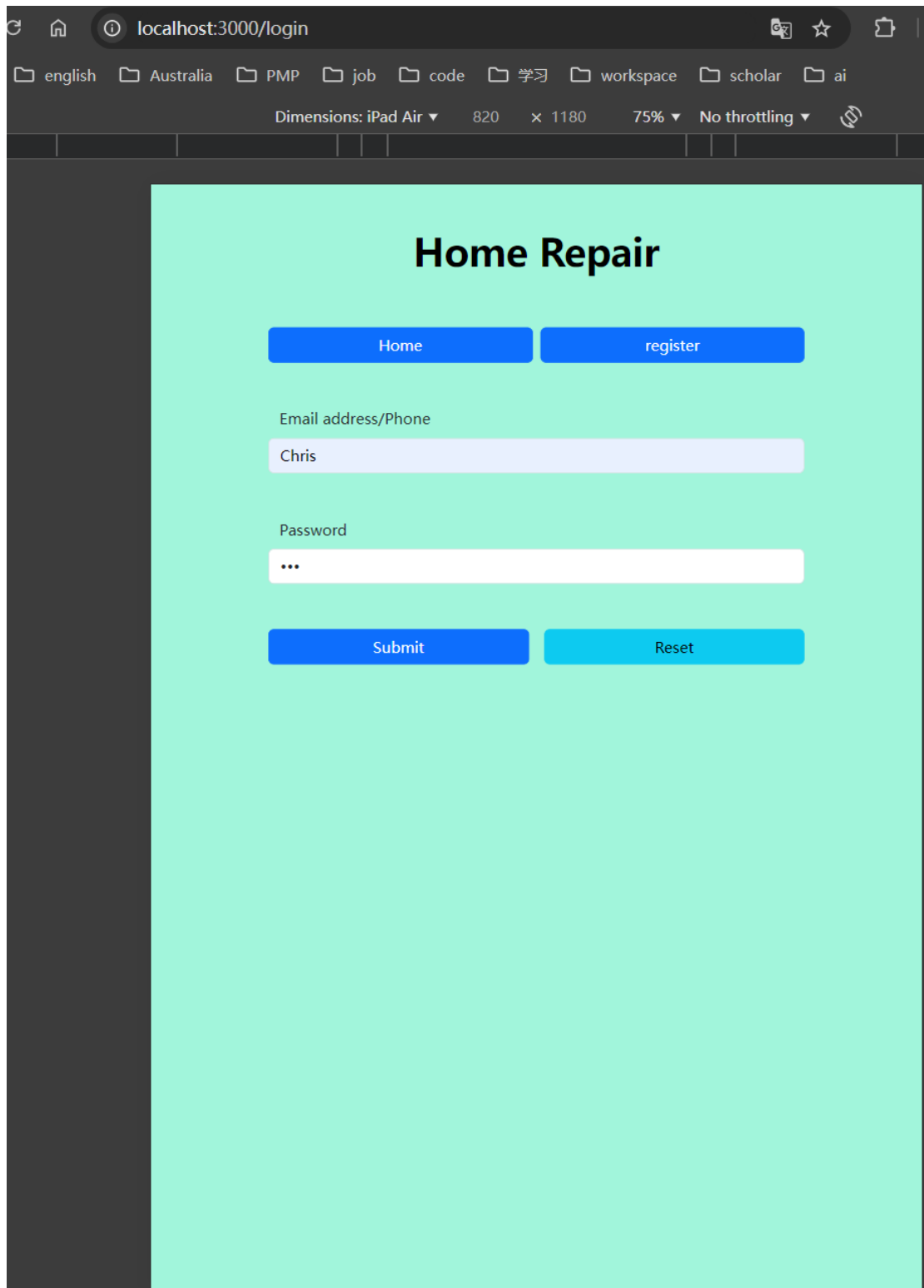
3136

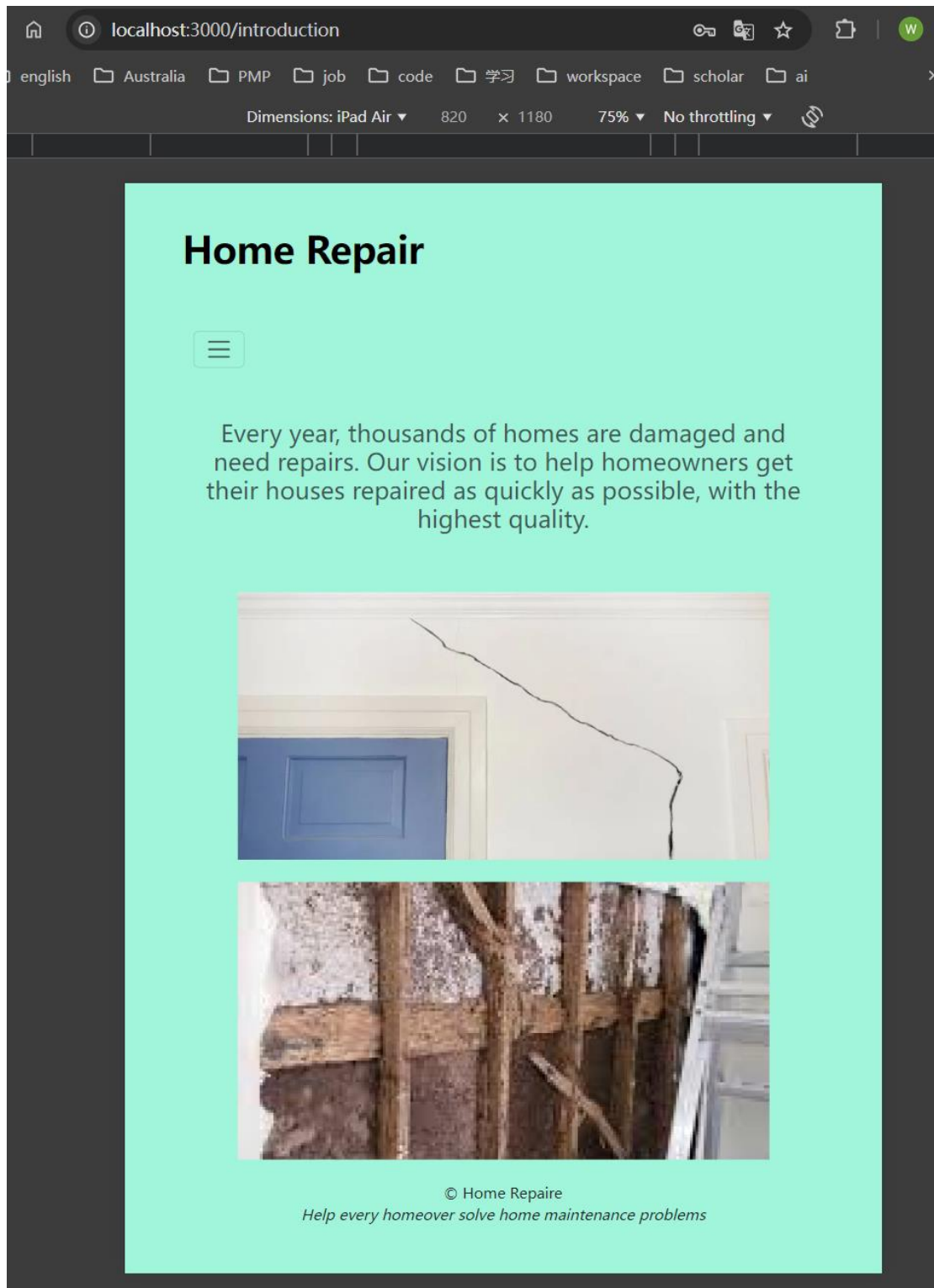
Register Cancel

The screenshot shows a web browser window with the address bar displaying 'localhost:3000/register'. The browser's tab bar shows several open tabs: 'deakin', 'english', 'Australia', 'PMP', 'job', 'code', '学习', 'workspace', 'scholar', and 'ai'. The page has a light green background and a large black heading 'Home Repair' at the top center. Below the heading are two blue buttons: 'Home' and 'login'. The registration form consists of several input fields, each followed by a 'Looks good!' validation message. The fields are: 'Name' with the value 'Chris', 'Password' with a masked value '...', 'Phone' with the value '+610424068311', 'email' with the value 'mick@deakin.edu.au', 'state' with the value 'vic', and 'Subcode' with the value '3136'. At the bottom of the form are two buttons: 'Register' (blue) and 'Cancel' (light blue).

Login

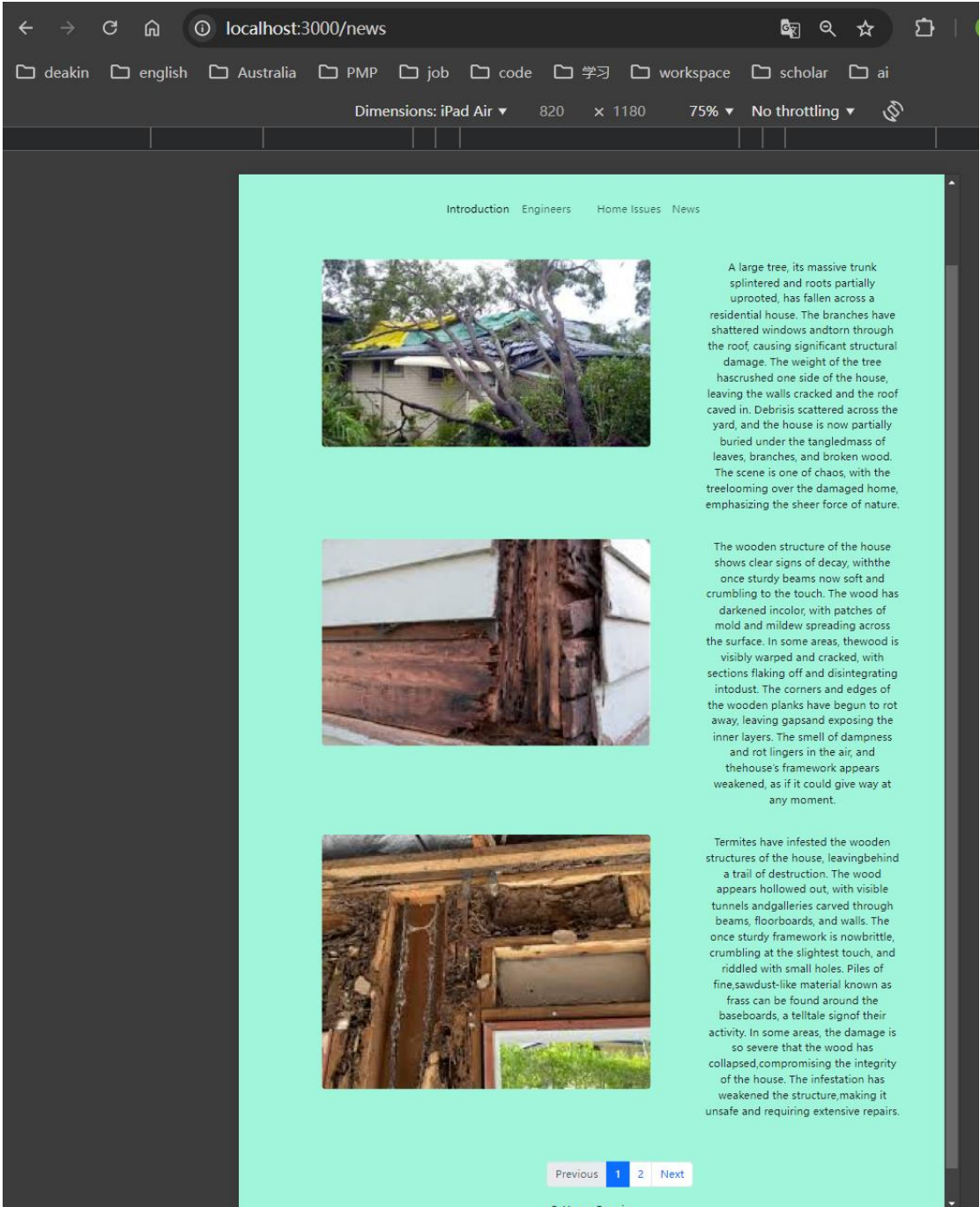
In this function, I utilized **express-session** to store user information in the request session. After the user logs in, the login and registration buttons will be hidden. Additionally, the logged-in user's information will be saved in **sessionStorage**.

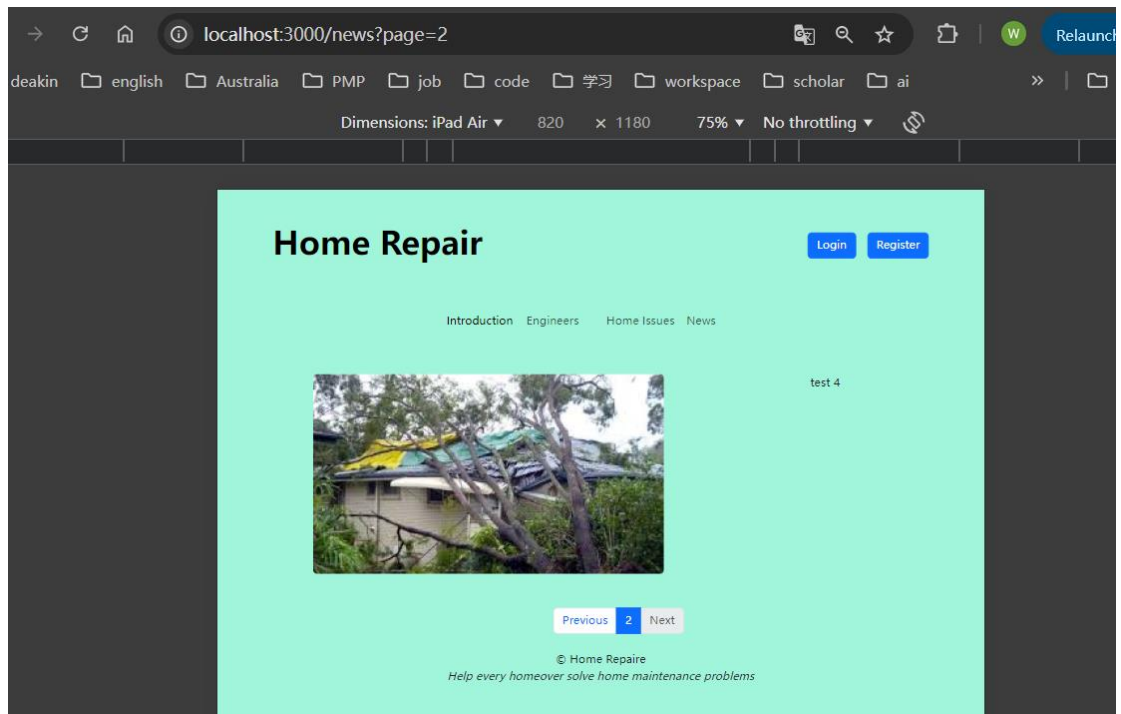




News/Home Issues Pagination

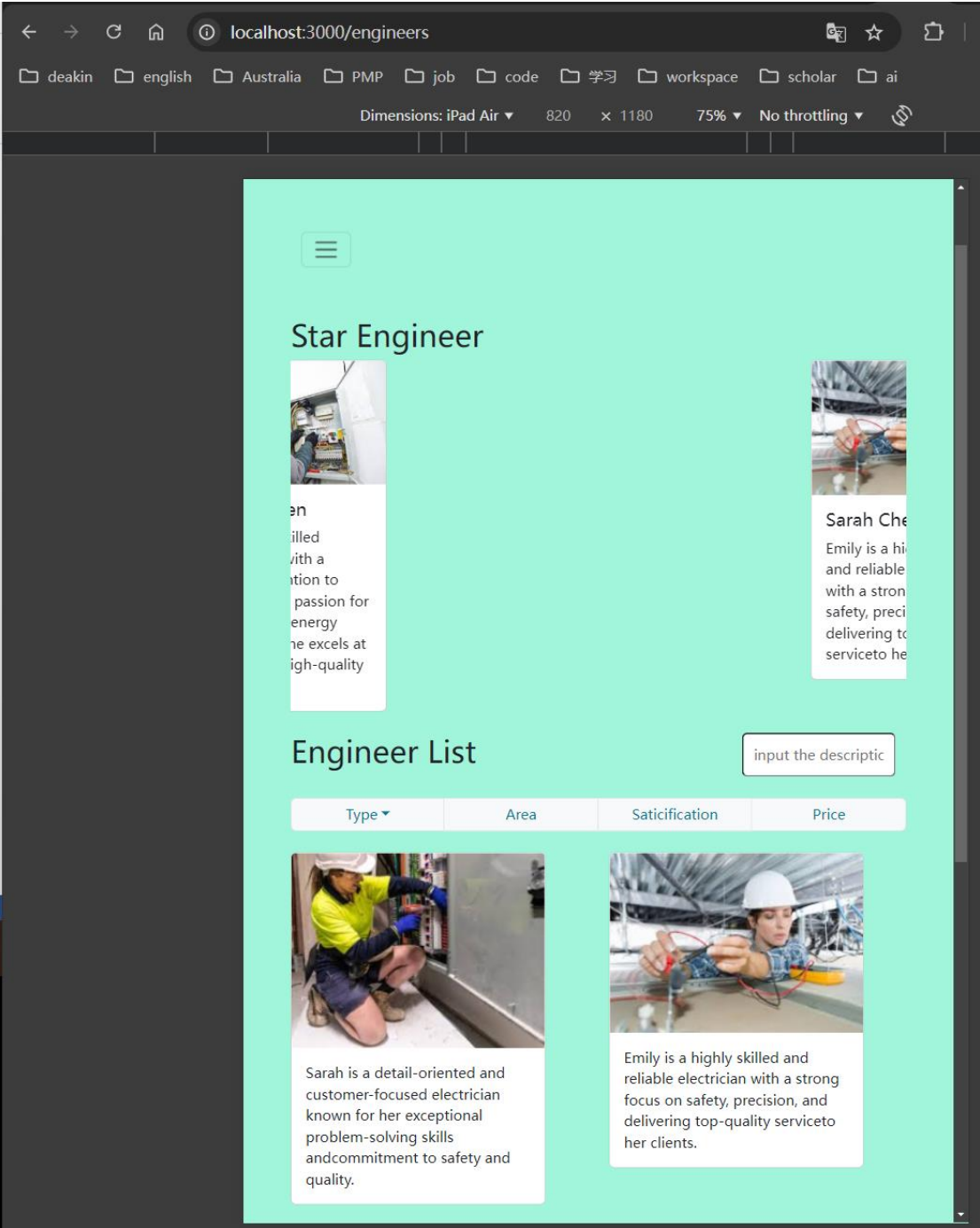
In this function, I implemented pagination. When the number of news records exceeds three, the fourth record and subsequent entries will appear on the following page.





Engineer Carousel

In this function, I opted to display the top three highest-priced engineers.



Engineer search by specification





In this function, when the user selects a type, area, satisfaction rating, or price, the server will respond by displaying the corresponding engineers.

localhost:3000/engineers?field=area

deakinenglishAustraliaPMPjobcode学习workspace scholarai

Dimensions: iPad Air 820 x 1180 75% No throttling

Engineer List

Type	Area	Saticification	Price
		<p>James is an experienced and dependable electrician, known for his expertise in complex electrical systems, quickproblem-solving abilities, and a commitment to ensuring every job is done efficiently and safely</p>	<p>John is an experienced electrician with over 10 years of expertise in both residential and commercial electrical systems. He is known for his efficiency and reliability.</p>
		<p>Emily is a highly skilled and reliable electrician with a strong focus on safety, precision, and delivering top-quality serviceto her clients.</p>	<p>Emily is a skilled electrician with a strong attention to detail and a passion for sustainable energy solutions. She excels at delivering high-quality results.</p>

Previous

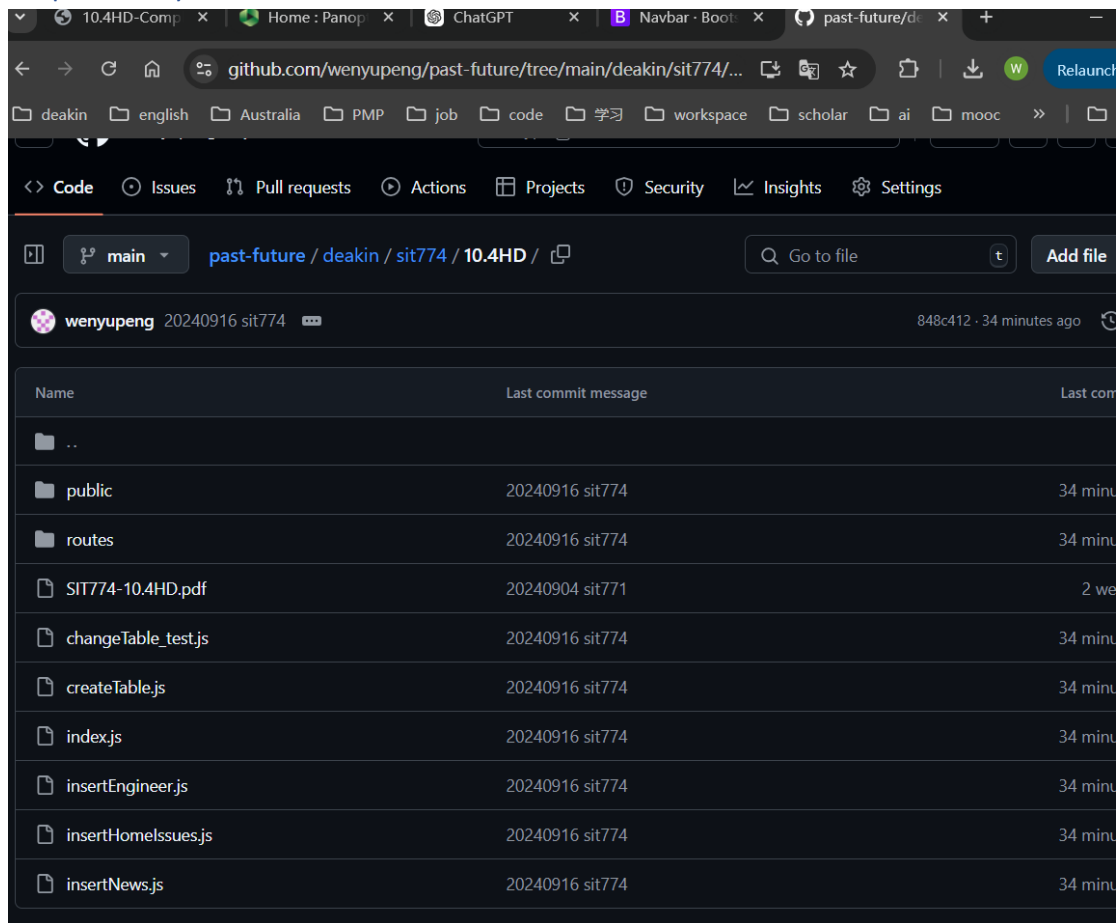
1

2

Next

© Home Repaire

Repository



<https://github.com/wenyupeng/past-future/tree/main/deakin/sit774/10.4HD>

Video

<https://deakin.au.panopto.com/Panopto/Pages/Viewer.aspx?id=ffb73089-e10c-4305-8cd1-b1ed00de455f>