

TINYHOUSE

Week 2

In week 2, we dive towards building the application we would want to build in this cohort. In week 2, we'll:

- Think about the application we would want to build and the features it is to have.
- We'll address and establish routing within the context of our web application.
- Establish and seed the collections in our database with mock data.
- Explain and use OAuth 2.0 to establish a login process.
- Gain an understanding of how cookies help with persistent log-in sessions.
- Finally, begin building the User and Listing page of our app.

Here is a further breakdown of week 2.

Day 1

➔ Go [here](#) for a detailed breakdown of Week 2 | Day 1.

Module 1

- **Topic:** Set-up for Part 2
- **Description:** Gain an overview of the TinyHouse application and brainstorm ideas for other similar apps that can be built.
- **TinyHouse App:** [Link](#).

Module 2

- **Topic:** Routing in TinyHouse
- **Description:** Address and establish routing within the context of our web application.
- **Introduction Video:** [Link](#).


Day 2

➔ Go [here](#) for a detailed breakdown of Week 2 | Day 2.

Module 3

- **Topic:** Setting up our Database
- **Description:** Set up our database, establish the TypeScript definitions of data we'll have in our database, and seed our database with mock data.
- **Introduction Video:** [Link](#).

Day 3

 Go [here](#) for a detailed breakdown of Week 2 | Day 3.


Module 4

- **Topic:** User Authentication with Google Sign-In & OAuth 2.0
- **Description:** Establish user authentication with Google Sign-In & OAuth 2.0.
- **Introduction Video:** [Link](#).

Module 5

- **Topic:** Persist Login Sessions with Cookies
- **Description:** Gain an understanding of how cookies can help with persistent log-in sessions.
- **Introduction Video:** [Link](#).

Day 4

 Go [here](#) for a detailed breakdown of Week 2 | Day 4.

Module 6

- **Topic:** Building the User Page
- **Description:** Build the user page to display information of a certain user in our application.
- **Introduction Video:** [Link](#).

Module 7

- **Topic:** Building the Listing Page
- **Description:** Build the listing page to display information of a certain listing in our application.
- **Introduction Video:** [Link](#).