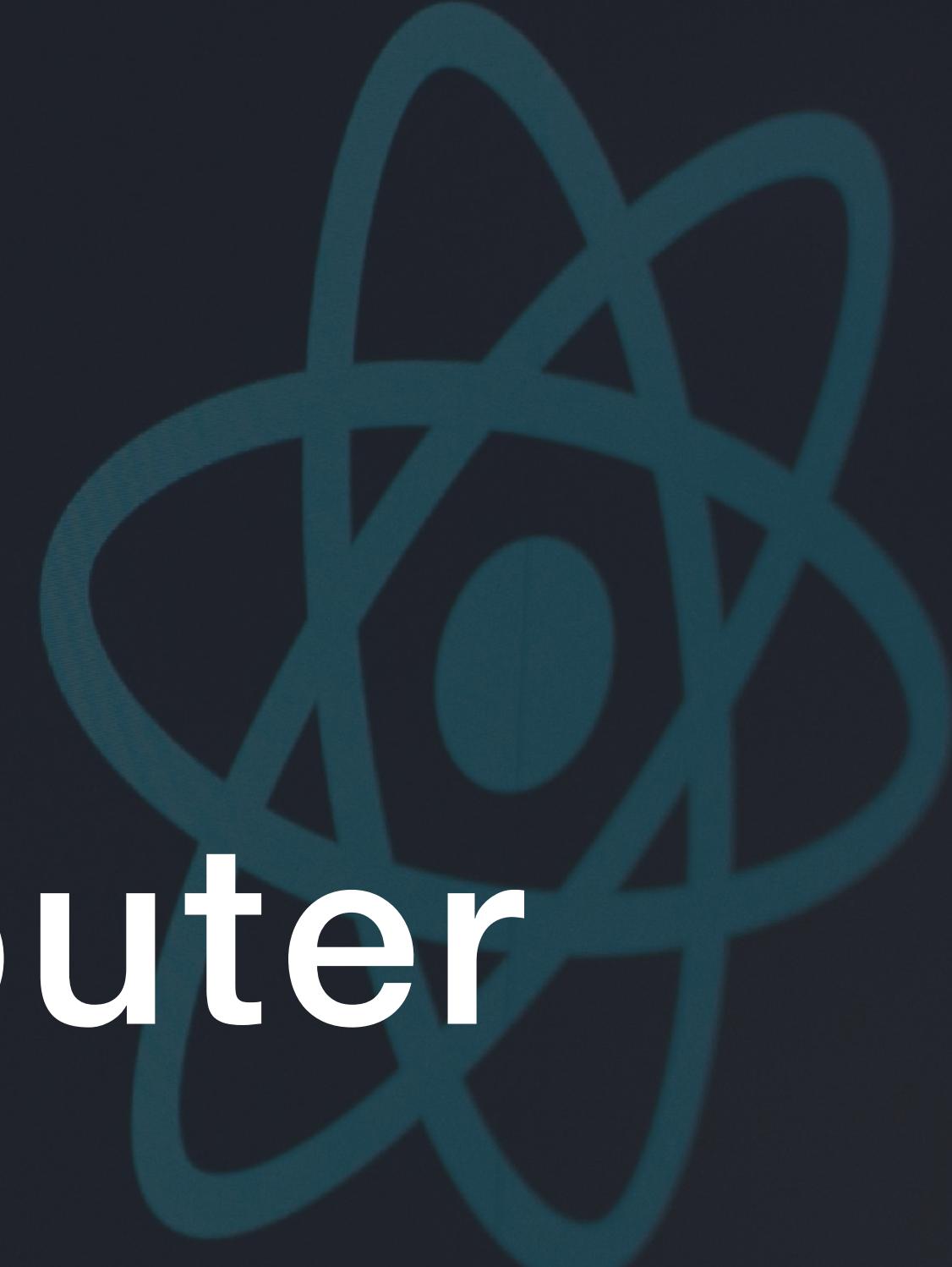


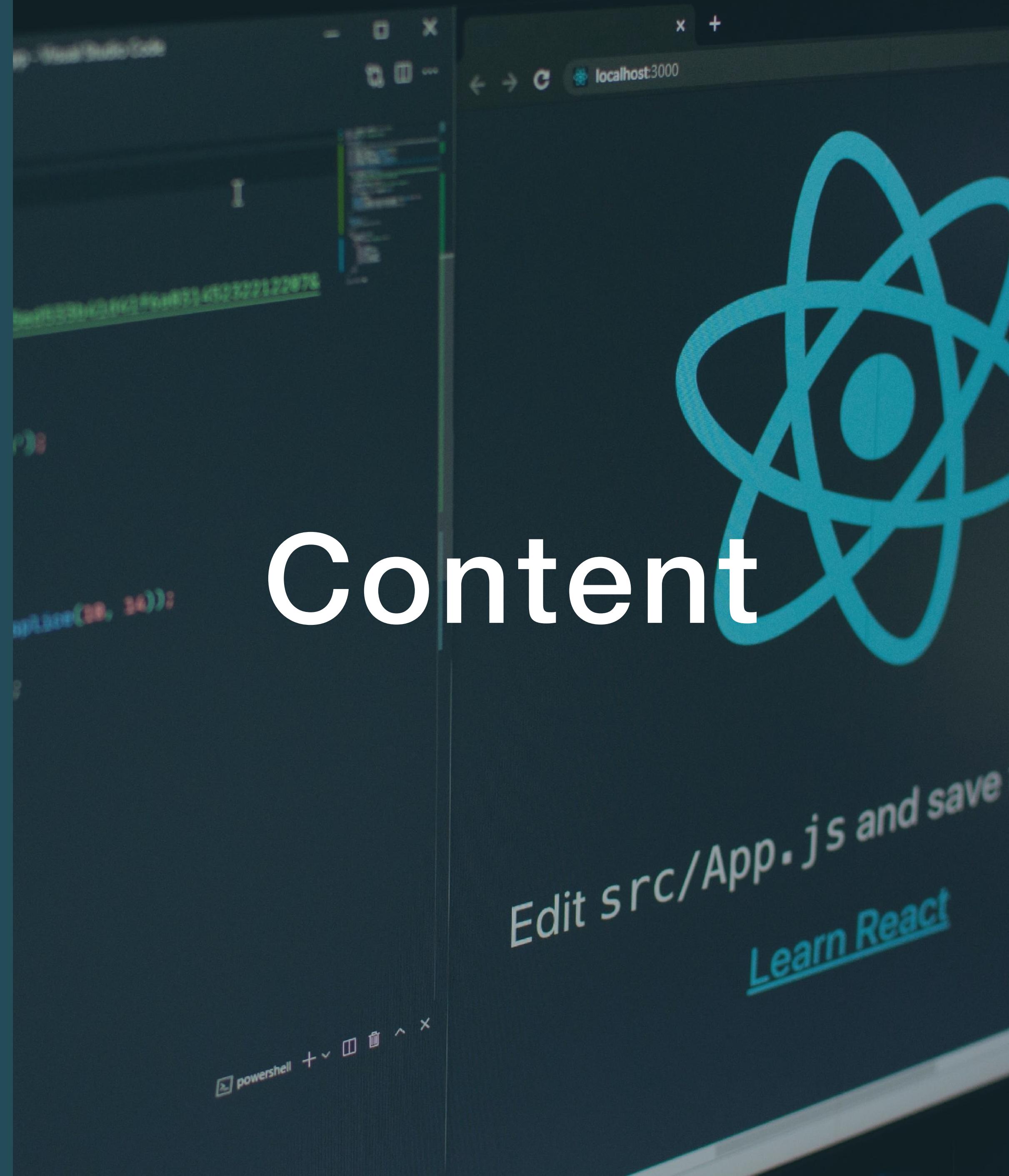
Navigation & Expo Router

React Native

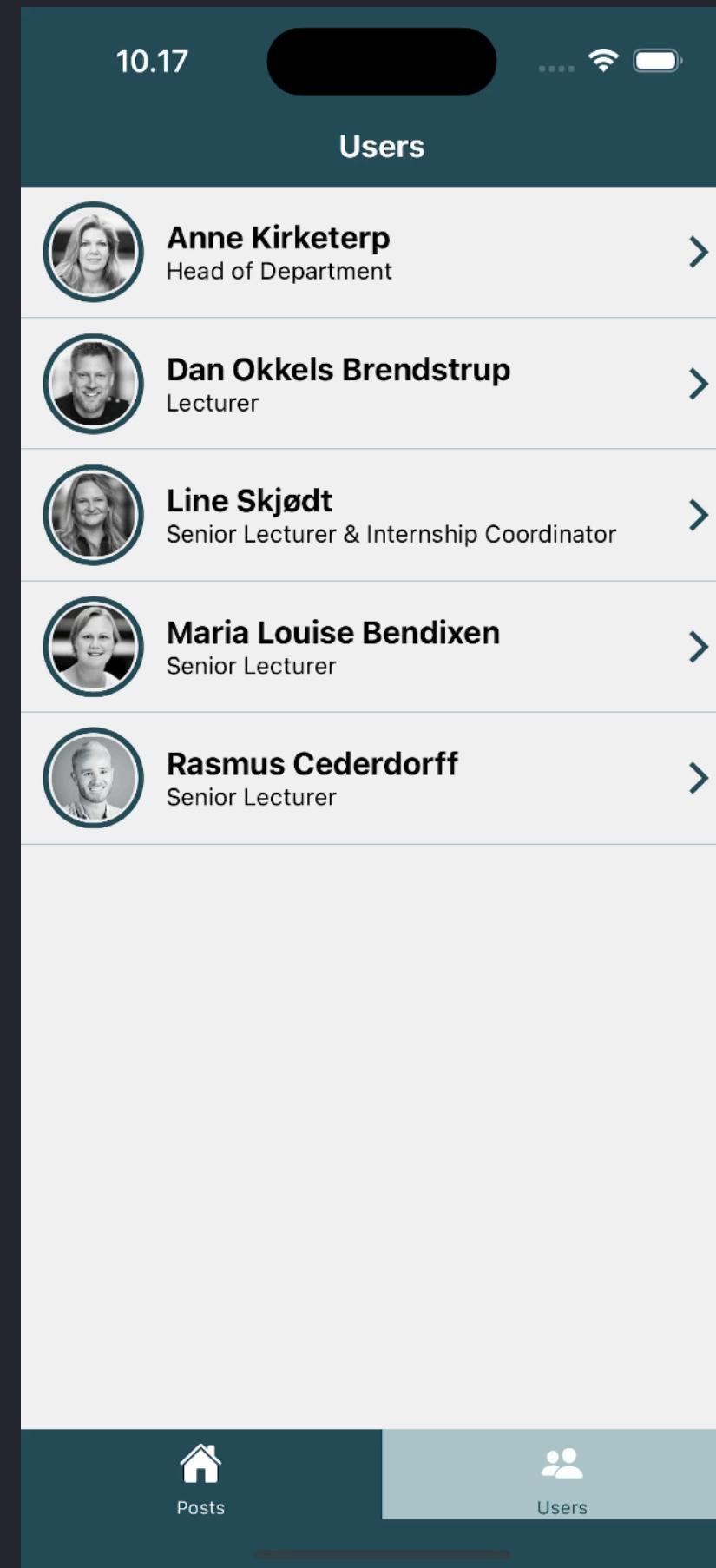
Edit src/App.js and save to reload
Learn React



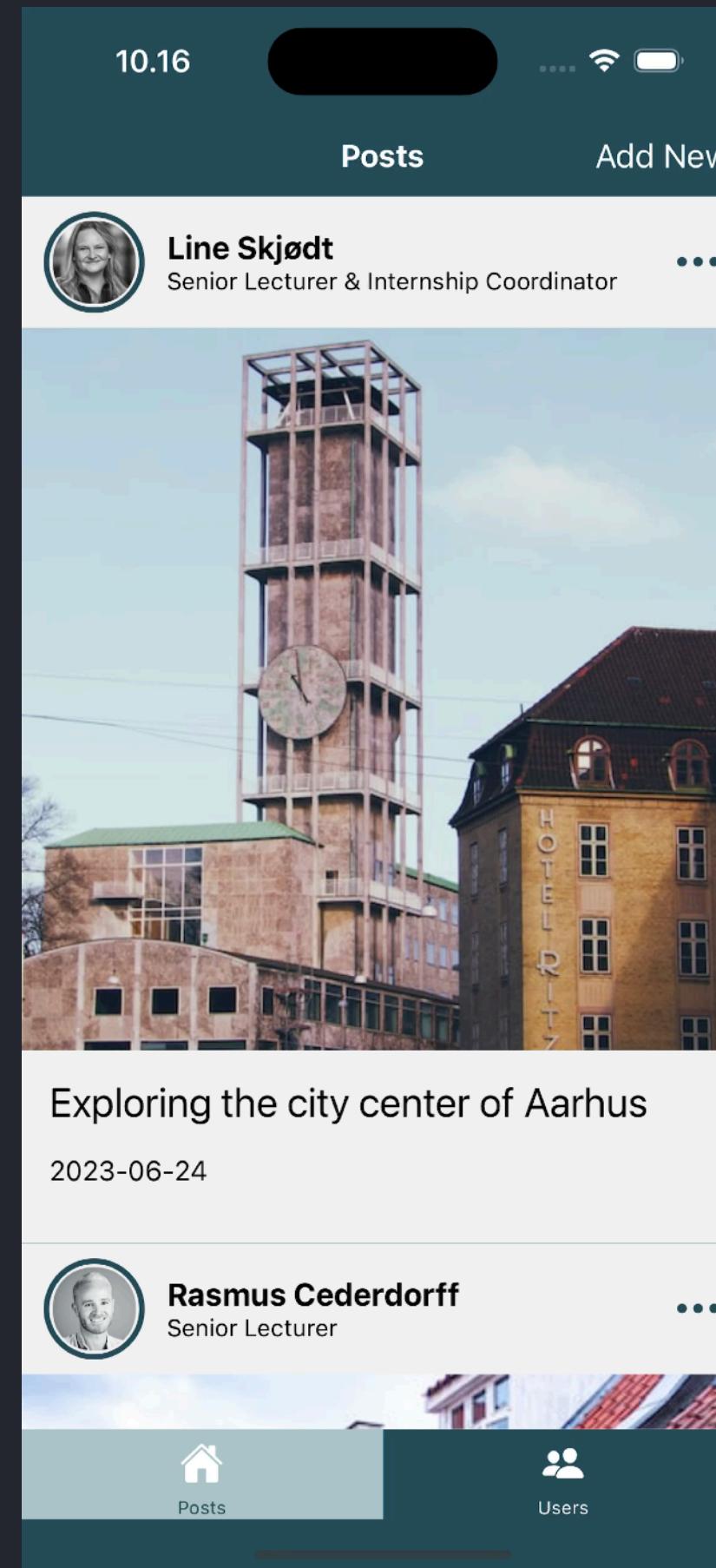
- Mobile Navigation
- Routing
- File Based Routing
- Expo Router Features



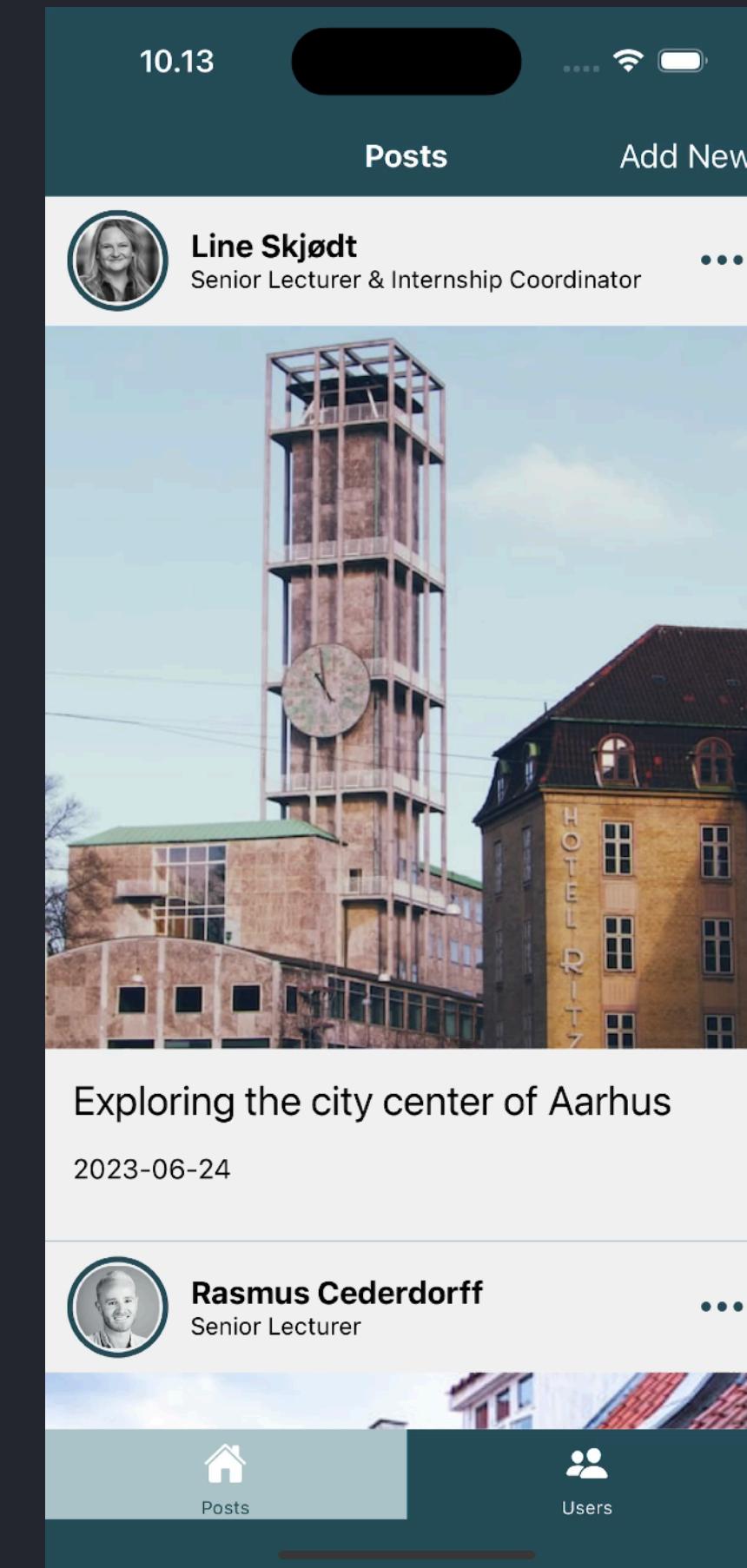
Mobile Navigation



Stack



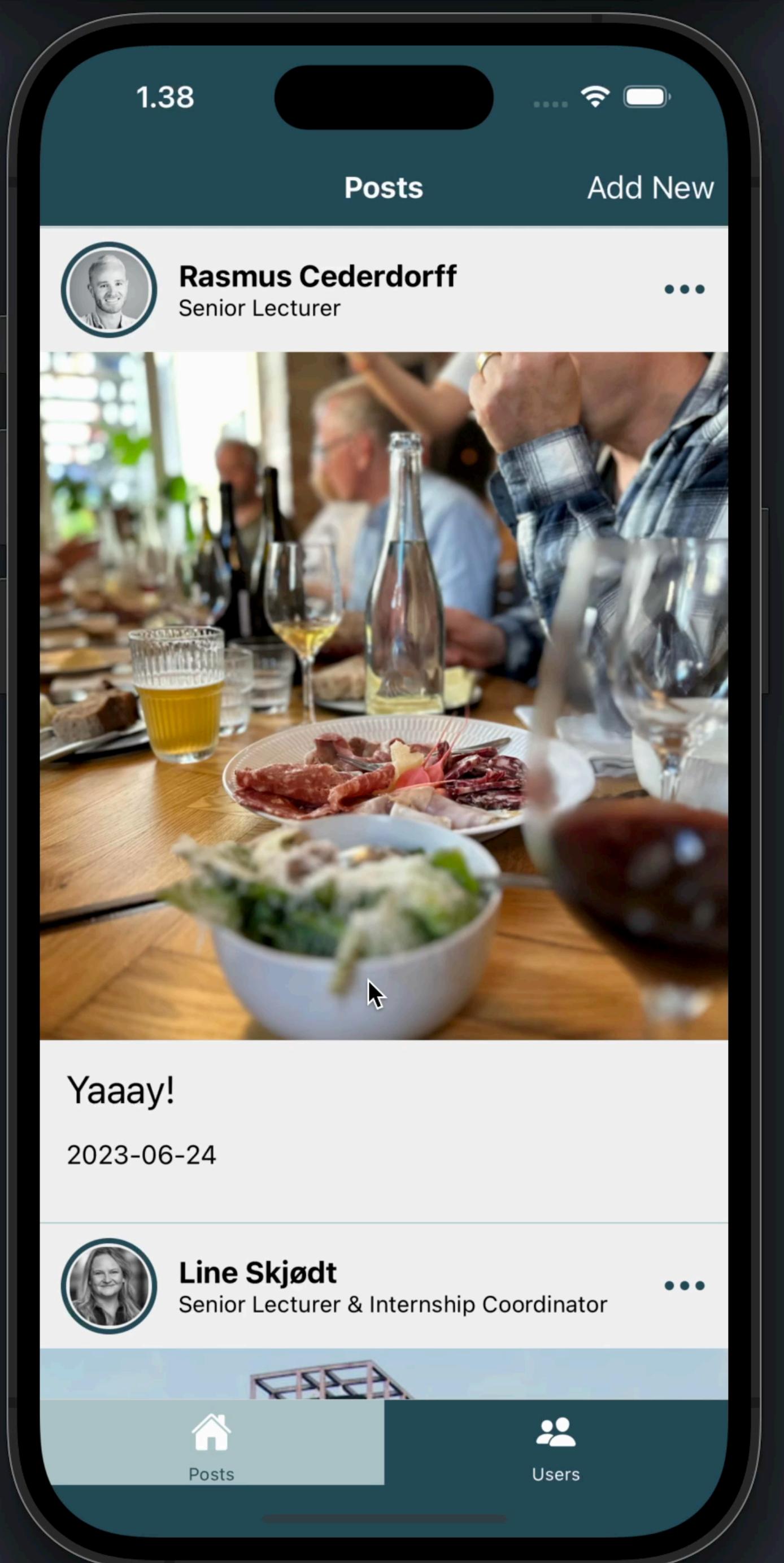
Modal



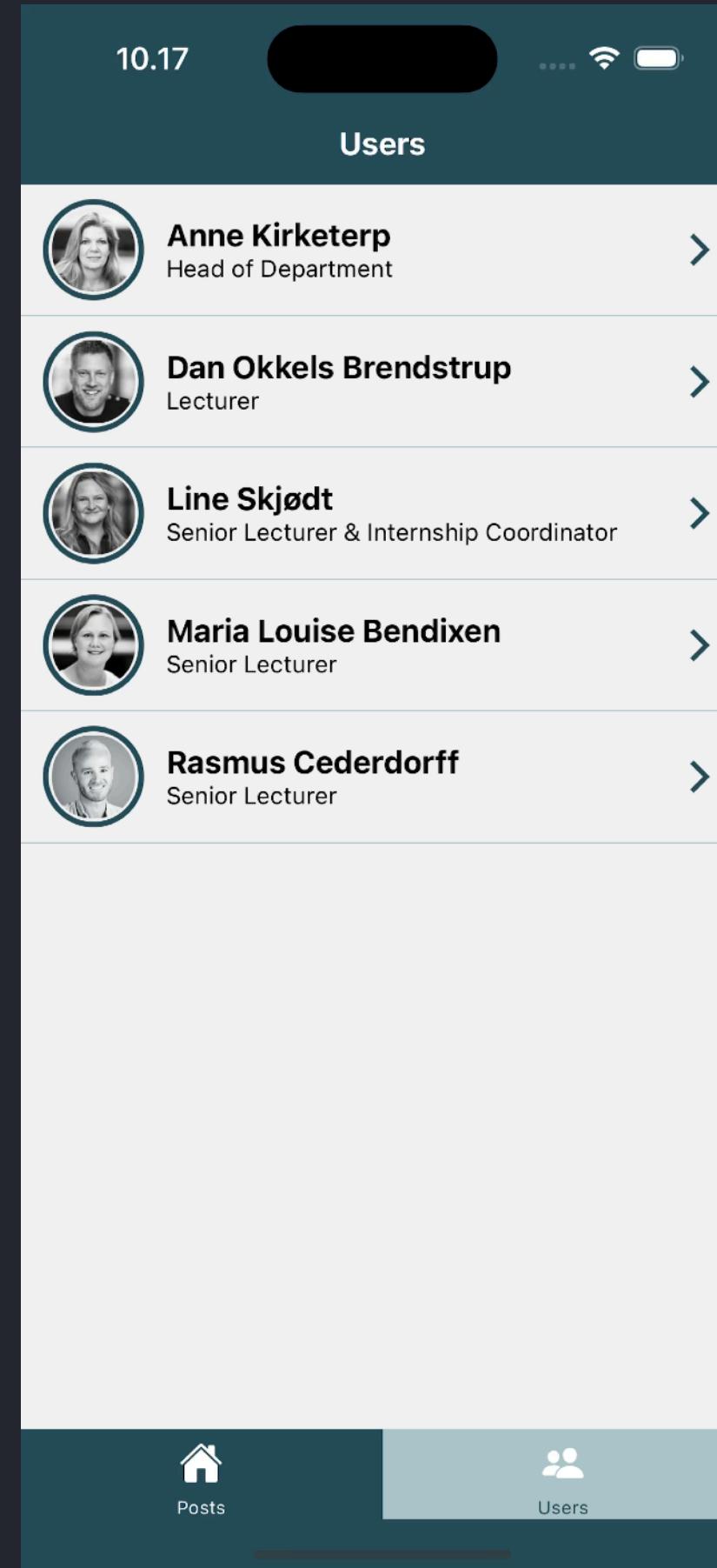
Tab

Post App Demo

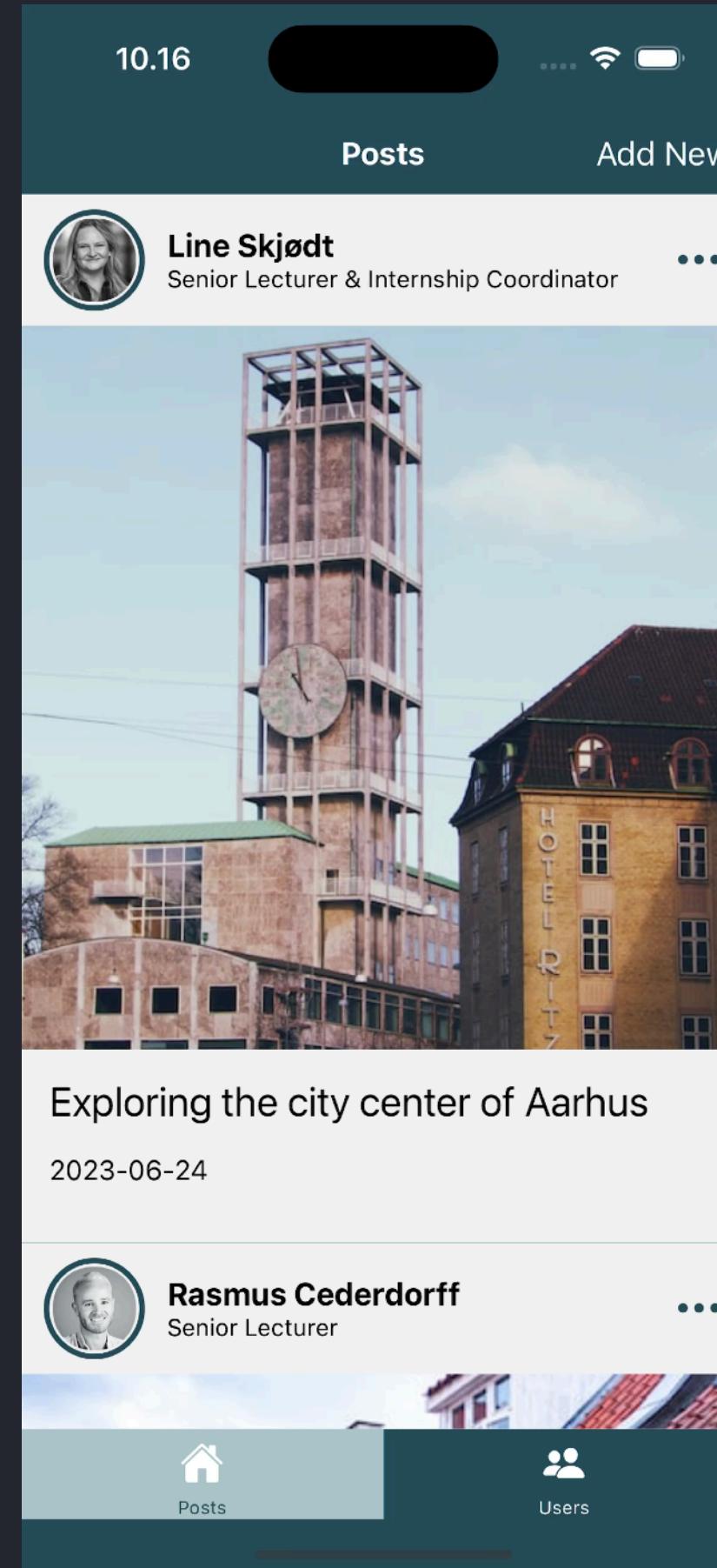
<https://github.com/cederdorff/expo-post-app>



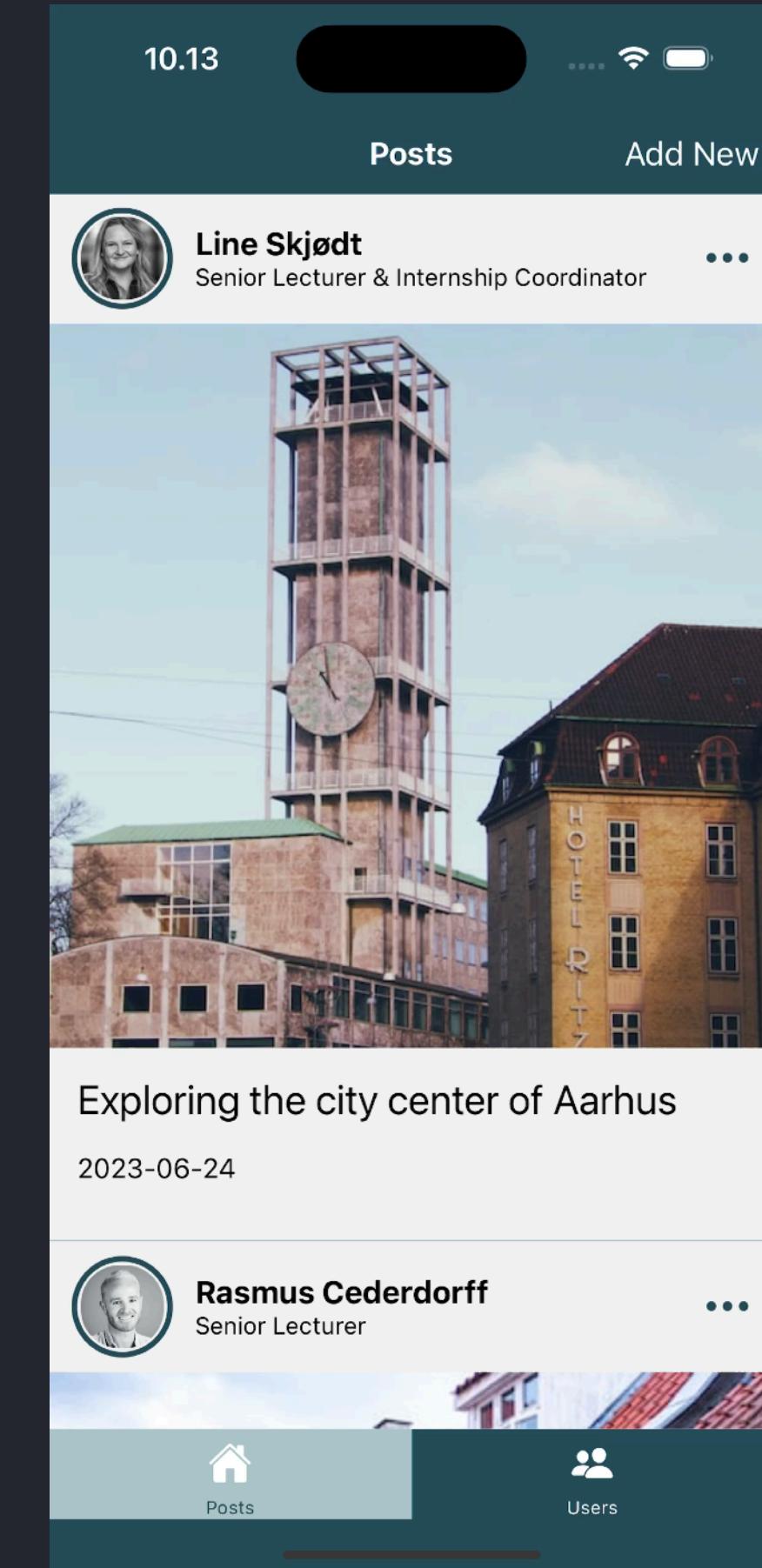
Stack



Stack

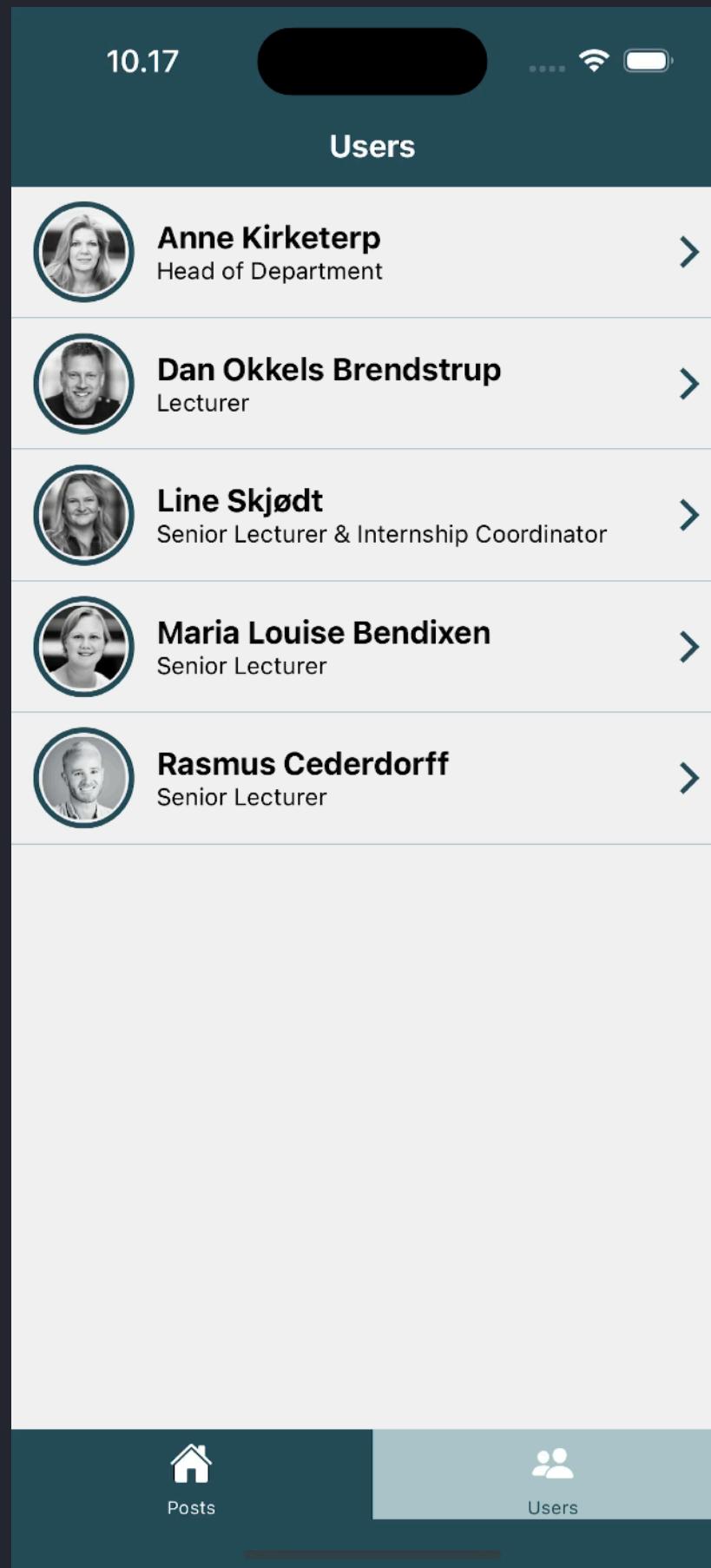


Modal



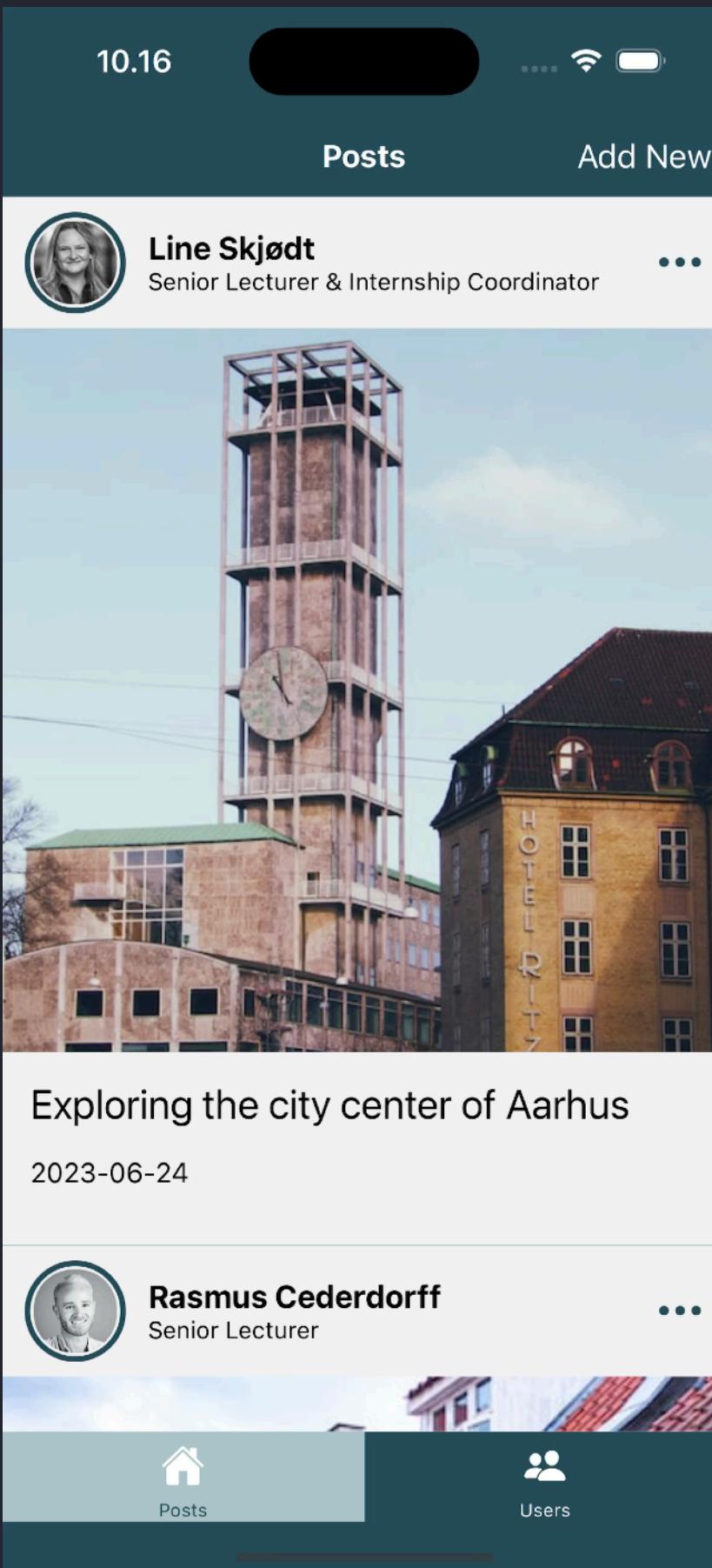
Tab

Stack



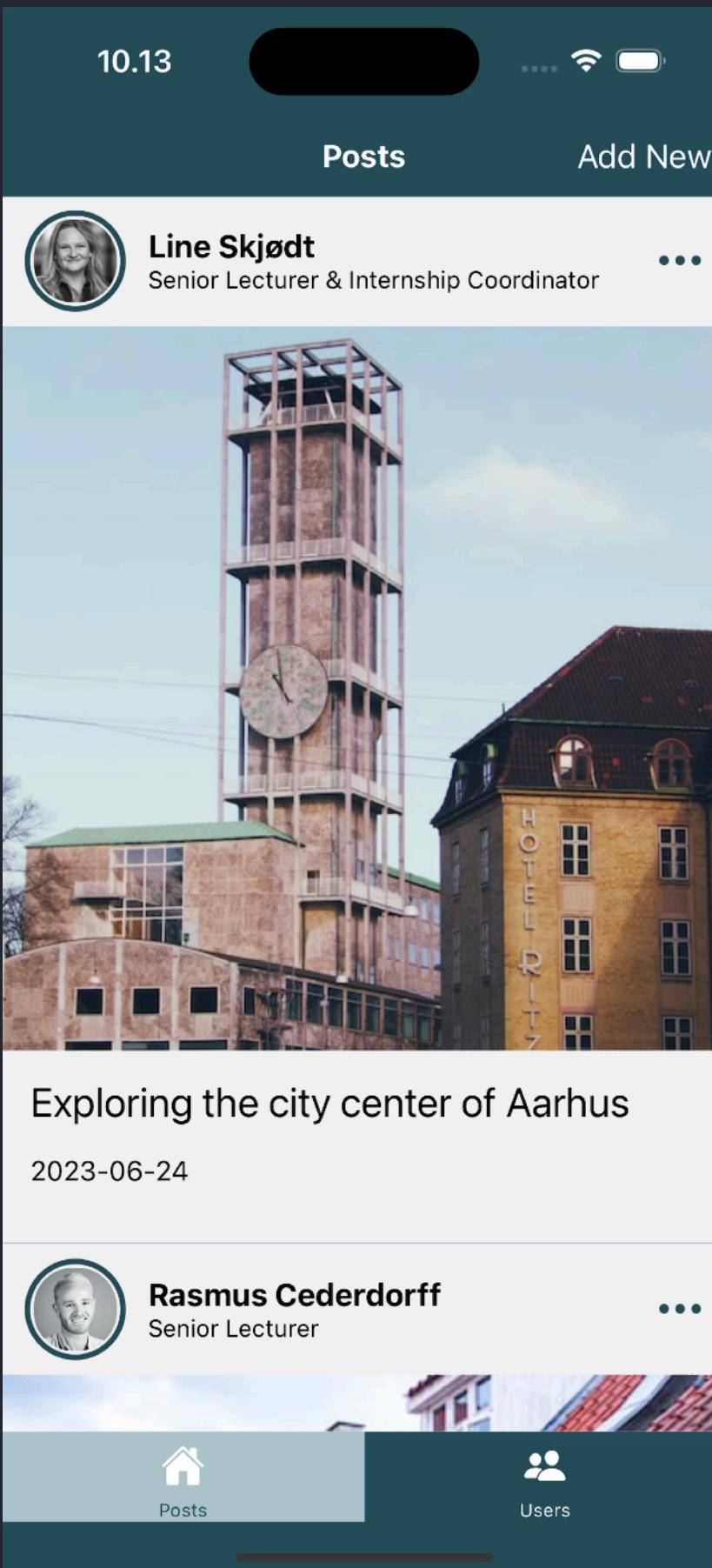
- Mobile UI pattern for managing multiple screens.
- Screens are stacked with the topmost screen active.
- Back button enables easy navigation between screens.
- Benefits include clear navigation history, seamless backward navigation, and space efficiency.
- Similar to web browsing history.

Modal



- A modal displays content that temporarily blocks interactions with the main view.
- It functions similar to a popup and often it's not a part of your primary navigation.
- It has a different transition and a different way to dismiss it.
- The intention is to bring to focus one particular piece of content or interaction.

Tab



- User interface element that allows users to switch between different sections or views within an application.
- Clear organisation and visual indication of active tab.
- Enables user control and consistent placement across screens.
- Benefits include efficient content access, clear information hierarchy, and space optimization.

A close-up photograph of a person's hands interacting with a black Wi-Fi router. One hand is holding a blue Ethernet cable and is in the process of plugging it into one of the four yellow LAN ports on the front panel of the router. The router has three external black antennas. The background is blurred.

What's a Router?

What's a Router?

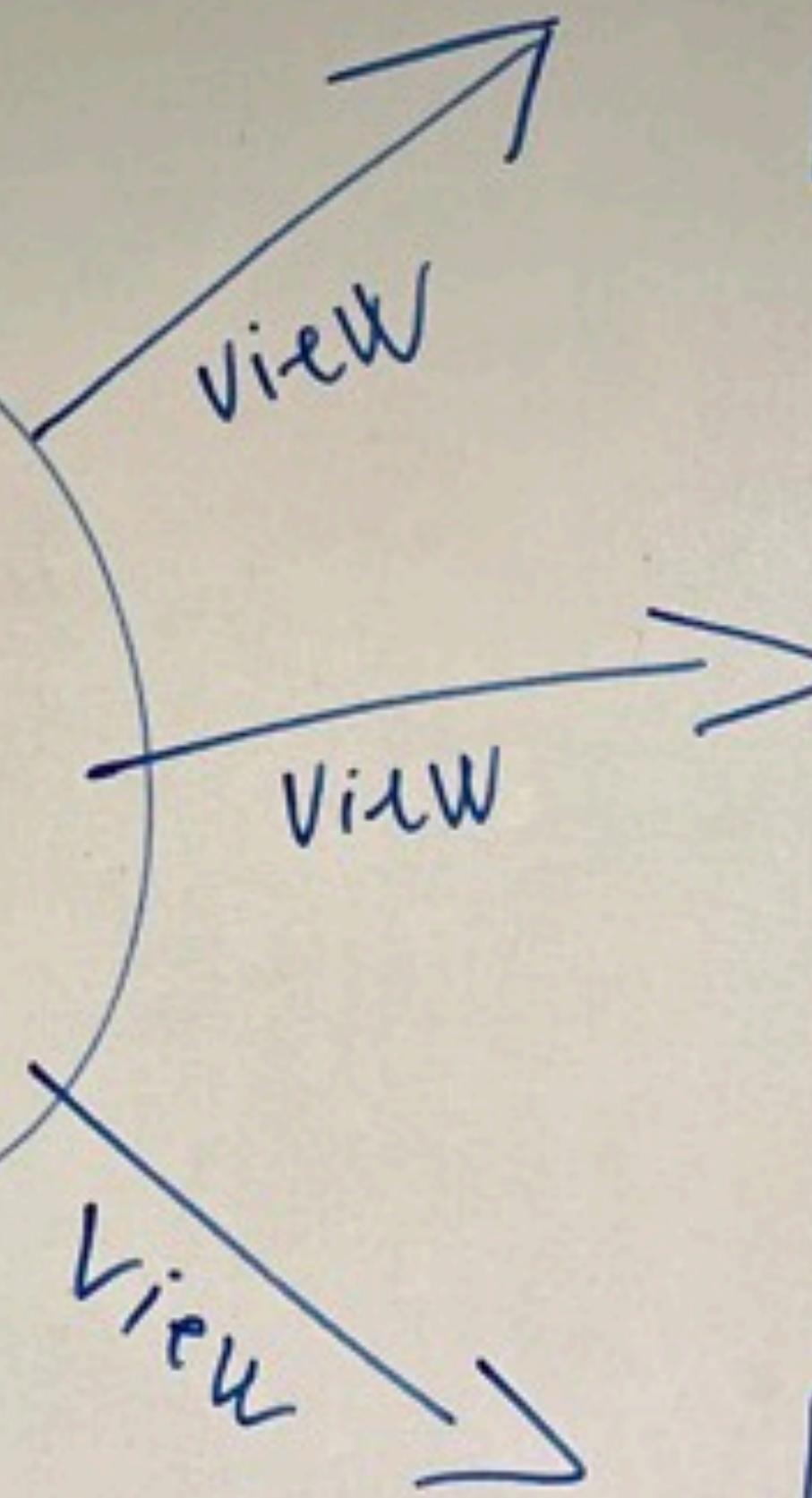
“It is the piece of software in charge to organize the states of the application, switching between different views.”

It's a key component in Single Page Applications.



/ create
route

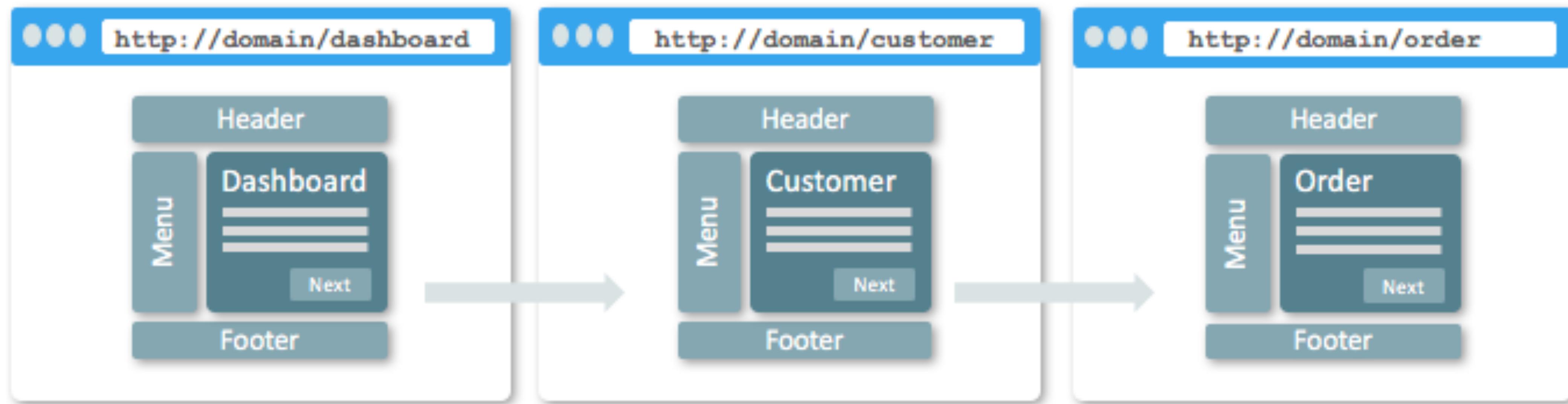
Router
(router.js)



users page

create page

update page



<https://dzone.com/articles/single-page-applications-in-oracle-jet>

File Based Routing

- The routing is based on the file system, the name of your folders and files in your project.
- It's based on pages
- When using Expo Router a file automatically turns in to a route, when the file is added to the app directory.

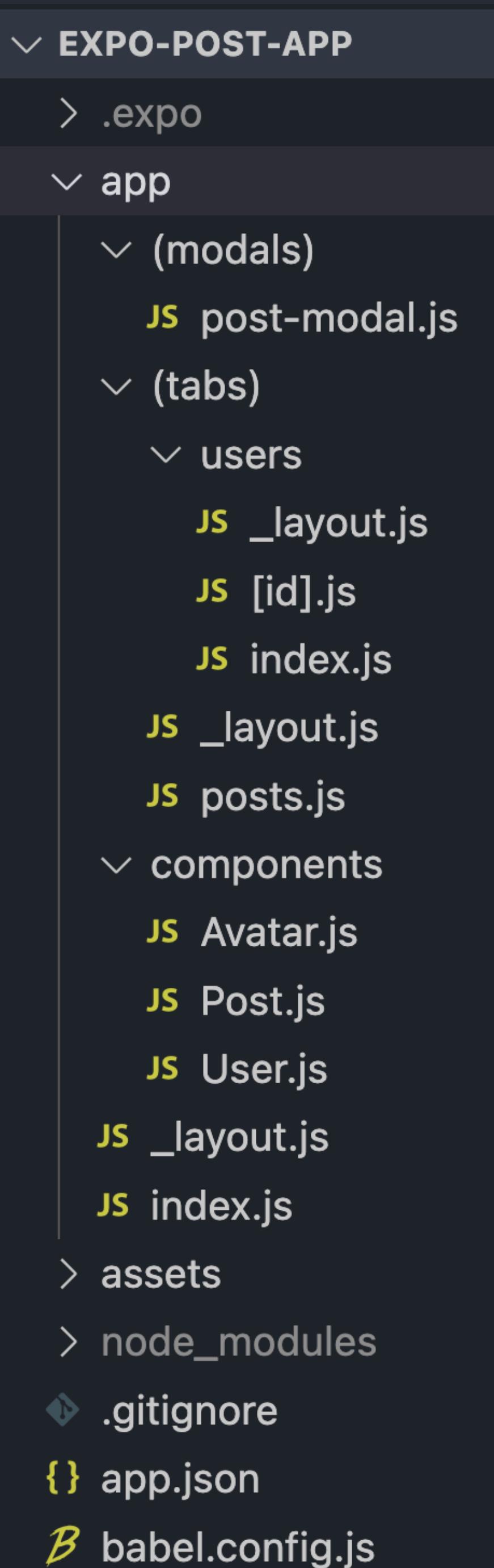
Expo Router

- Expo Router uses a file-based routing convention to define pages in the app.
- This convention helps optimise the app by automatically generating native deep links and web routes.
- It involves organising routes inside folders to create shared UI elements like tab bars and headers.
- React developers will find this format familiar and easy to work with.
- File-based routing allows for URLs to be created for every page in the app.
- All routes must be created within the `app/` directory, and you define them by creating files with the route names.

✓ EXPO-POST-APP
> .expo
✓ app
✓ (modals)
JS post-modal.js
✓ (tabs)
✓ users
JS _layout.js
JS [id].js
JS index.js
JS _layout.js
JS posts.js
✓ components
JS Avatar.js
JS Post.js
JS User.js
JS _layout.js
JS index.js
> assets
> node_modules
◆ .gitignore
{ } app.json
B babel.config.js

Expo Router

- app/home.js **matches** /home.
- app/users/index.js **matches** /users.
- app/users/[id].js **matches** /users/user-02.
- app/[user].js **matches** any unmatched path like /dob, /race or /expo.
- More about [Expo Router \(Notion\)](#)



Code Every Day

Edit src/App.js and save to reload
[Learn React](#)

