

# Startland Portal

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# Description

Our project is a Professional Development/Learning Portal for Startland.

Our app allows Educators participating in Startland's program to access course content, submit assignments, track course progress, and participate in discussions around course material with fellow students.

# Features

- Educators participating in Startland's program can create a user account and log in to the app to view course content and material.
- Upon log in, users can view their home screen with announcements from course administrators and an overview of course progress.
- Users can access education modules, view assignment criteria, and follow links to submit assignments per course instructions.
- Upon submission, all assignments are available to view via the forum. From here, students can participate in discussions about fellow students' work.
- Throughout the app, students can view and track their course progress.
- We also added functionality for an administrator to add and update announcements on the homepage, and view students' submissions and forum discussions.
- CRUD functionality through user-input forms.

# Tech Stack



A horizontal diagram showing a tech stack. It consists of four colored circles connected by a thin horizontal line. From left to right, the circles are: a reddish-brown circle labeled 'MySQL Database', a grey circle labeled 'Express.js', a dark blue circle labeled 'Angular 8 Framework', and a teal circle labeled 'Node.js'.

MySQL  
Database

Express.js

Angular 8  
Framework

Node.js

# What I Learned

- Expanded knowledge of Angular Framework from Unit 1.
- Setting up routing within Angular.
- Adding Authentication and Authorization to specific routes within an Angular Application, through token-based authentication.
- Using Express.js and Node.js to communicate between Angular & MySQL Database.
- Incorporating a persistent database within a different tech stack than from Unit 2, including many-to-many relationships within multiple tables.

# What's Next

- Updating course modules with finalized content from Startland.
- Allow users to submit multiple assignments per module, as required for each module.
- Add functionality for users to update their profile information.
- Expand admin functionality & features.