# Project Engineering – Research Sources & Important Links

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* [Project Log](onenote:https://galwaymayoinstitute.sharepoint.com/sites/21-2251789--PROJECTENGINEERING/SiteAssets/21-22%2051789%20--%20PROJECT%20ENGINEERING%20Notebook/ROSS%20MOLLOY%20-%20STUDENT/Project%20Log.one#section-id={D147E0CB-9DFF-449B-ABAA-7AB44AFD1EC3}&end)  ([Web view](https://galwaymayoinstitute.sharepoint.com/sites/21-2251789--PROJECTENGINEERING/_layouts/OneNote.aspx?id=%2Fsites%2F21-2251789--PROJECTENGINEERING%2FSiteAssets%2F21-22%2051789%20--%20PROJECT%20ENGINEERING%20Notebook&wd=target%28ROSS%20MOLLOY%20-%20STUDENT%2FProject%20Log.one%7CD147E0CB-9DFF-449B-ABAA-7AB44AFD1EC3%2F%29))
* [Teamwork](onenote:https://galwaymayoinstitute.sharepoint.com/sites/21-2251789--PROJECTENGINEERING/SiteAssets/21-22%2051789%20--%20PROJECT%20ENGINEERING%20Notebook/ROSS%20MOLLOY%20-%20STUDENT/Teamwork.one#section-id={ECBC09BE-EAB4-4AB1-8110-7F695591714F}&end)  ([Web view](https://galwaymayoinstitute.sharepoint.com/sites/21-2251789--PROJECTENGINEERING/_layouts/OneNote.aspx?id=%2Fsites%2F21-2251789--PROJECTENGINEERING%2FSiteAssets%2F21-22%2051789%20--%20PROJECT%20ENGINEERING%20Notebook&wd=target%28ROSS%20MOLLOY%20-%20STUDENT%2FTeamwork.one%7CECBC09BE-EAB4-4AB1-8110-7F695591714F%2F%29))
* [Introduction to Expo](https://docs.expo.dev/)
* [Expo: First Steps](https://docs.expo.dev/tutorial/planning/)
* [React Navigation: Getting Started](https://reactnavigation.org/docs/getting-started/)
* [Navigation lifecycle](https://reactnavigation.org/docs/navigation-lifecycle)
* [Moving between screens](https://reactnavigation.org/docs/navigating)
* [Tab based navigation](https://reactnavigation.org/docs/tab-based-navigation/)
* [NavigationContainer](https://reactnavigation.org/docs/navigation-container)
* [Expo API Reference](https://docs.expo.dev/versions/latest/)
* [React Native: Core Components and Native Components](https://reactnative.dev/docs/intro-react-native-components)
* [Core Components and APIs](https://reactnative.dev/docs/components-and-apis)
* [TextInput](https://reactnative.dev/docs/textinput)
* [Modal](https://reactnative.dev/docs/modal)
* [TouchableOpacity](https://reactnative.dev/docs/touchableopacity)
* [KeyboardAvoidingView](https://reactnative.dev/docs/keyboardavoidingview)
* [Hooks API Reference](https://reactjs.org/docs/hooks-reference.html)
* [Using the State Hook](https://reactjs.org/docs/hooks-state.html)
* [Using the Effect Hook](https://reactjs.org/docs/hooks-effect.html)
* [A Simple Explanation of React.useEffect()](https://dmitripavlutin.com/react-useeffect-explanation/)
* [Expo Location](https://docs.expo.dev/versions/latest/sdk/location/)
* [MapView](https://docs.expo.dev/versions/latest/sdk/map-view/)
* [Slider](https://docs.expo.dev/versions/latest/sdk/slider/)
* [How to use promises](https://developer.mozilla.org/en-US/docs/learn/javascript/asynchronous/promises)
* [async and await](https://developer.mozilla.org/en-US/docs/learn/javascript/asynchronous/promises#async_and_await)
* [Async/await](https://javascript.info/async-await)
* [Asynchronous JavaScript](https://www.w3schools.com/js/js_asynchronous.asp)
* [JavaScript Async](https://www.w3schools.com/js/js_async.asp)
* [Hiding tab bar in specific screens](https://reactnavigation.org/docs/hiding-tabbar-in-screens)
* [Options for screens](https://reactnavigation.org/docs/screen-options)
* [Different status bar configuration based on route](https://reactnavigation.org/docs/status-bar/)
* [Expo Camera](https://docs.expo.dev/versions/latest/sdk/camera/)
* [Supporting safe areas](https://reactnavigation.org/docs/handling-safe-area/)
* [SafeAreaView](https://reactnative.dev/docs/safeareaview)
* [GitHub: react-native-safe-area-context](https://github.com/th3rdwave/react-native-safe-area-context)
* [Route prop reference](https://reactnavigation.org/docs/route-prop)
* [Express: Basic routing](https://expressjs.com/en/starter/basic-routing.html)
* [Routing](https://expressjs.com/en/guide/routing.html)
* [Install MongoDB](https://www.mongodb.com/docs/guides/server/install/)
* [Postman](https://www.postman.com/)
* [Painless Node.js Authentication](https://developer.okta.com/blog/2019/10/03/painless-node-authentication)
* [Build a React Native Login app with Node.js Backend](https://www.asapdevelopers.com/build-a-react-native-login-app-with-node-js-backend/)
* [Node.js - Tutorial - Introduction](https://www.youtube.com/watch?v=65a5QQ3ZR2g&list=PL55RiY5tL51oGJorjEgl6NVeDbx_fO5jR)
* [Mongoose: Getting Started](https://mongoosejs.com/docs/index.html)
* [Schemas](https://mongoosejs.com/docs/guide.html)
* [Models](https://mongoosejs.com/docs/models.html)
* [Mongoose - API: Model](https://mongoosejs.com/docs/api/model.html)
* [Using the Fetch API](https://developer.mozilla.org/en-US/docs/Web/API/Fetch_API/Using_Fetch)
* [Creating a Secure REST API in Node.js](https://www.toptal.com/nodejs/secure-rest-api-in-nodejs)
* [Best practices for REST API design](https://stackoverflow.blog/2020/03/02/best-practices-for-rest-api-design/)
* [Adding Salt to Hashing: A Better Way to Store Passwords](https://auth0.com/blog/adding-salt-to-hashing-a-better-way-to-store-passwords/)
* [bcrypt](https://en.wikipedia.org/wiki/Bcrypt)
* [node.bcrypt.js](https://github.com/kelektiv/node.bcrypt.js)
* [Get Started with JSON Web Tokens](https://auth0.com/learn/json-web-tokens/)
* [Get the Status Code of a Fetch HTTP Response in JavaScript](https://bobbyhadz.com/blog/javascript-get-response-status-code-fetch)
* [Custom Expo Go builds](https://docs.expo.dev/archived/adhoc-builds/)
* [Expo Notifications](https://docs.expo.dev/versions/latest/sdk/notifications/)
* [The Complete Guide to useRef() and Refs in React](https://dmitripavlutin.com/react-useref-guide/)
* [Push Notifications Setup](https://docs.expo.dev/push-notifications/push-notifications-setup/#credentials)
* [Sending Notifications with Expo's Push API](https://docs.expo.dev/push-notifications/sending-notifications/)
* [Receiving Notifications](https://docs.expo.dev/push-notifications/receiving-notifications/)
* [Access the navigation prop from any component](https://reactnavigation.org/docs/connecting-navigation-prop)
* [Navigation prop reference](https://reactnavigation.org/docs/navigation-prop)
* [How to pass props to Screen component with a tab navigator?](https://stackoverflow.com/questions/60439210/how-to-pass-props-to-screen-component-with-a-tab-navigator)
* [Copying Objects in JavaScript](https://www.digitalocean.com/community/tutorials/copying-objects-in-javascript)
* [3 Ways to Check If an Object Has a Property in JavaScript](https://dmitripavlutin.com/check-if-object-has-property-javascript/)
* [Window setTimeout()](https://www.w3schools.com/jsref/met_win_settimeout.asp)
* [How to use async functions in useEffect](https://devtrium.com/posts/async-functions-useeffect)
* [Using Async Await Inside React's useEffect() Hook](https://ultimatecourses.com/blog/using-async-await-inside-react-use-effect-hook)
* [What is Amazon EC2?](https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/concepts.html)
* [WinSCP: Direct Connection](https://winscp.net/eng/docs/guide_amazon_ec2#direct_connection)