

# Unwired Learning

## React JS Masterclass (Course Curriculum)



Doubt in mind?  
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## Introduction & Resources

- Course Introduction
- Welcome To Course
- Resources [Important]
- Resources [Important]

## React Basics & Setup

- React Introduction
- Environment Setup
- Create React App / Set React App
- React Behind The Scene
- React Boilerplate
- Components: Class & Function Based
- JSX: In-depth Introduction
- Practice: Basic Template Structure

## States and useState

- Why We Need States?
- State Introduction: useState
- useState: Multiple Updates
- useState: Array State Value
- useState: Array setState Value
- Conditional Templates
- Quick Hook Advice

## Components & Props

- Multiple Components & Fragments
- Props: In-depth Introduction
- Props: Children
- Prop Drilling

## Styling React Application

- Global Level Styling
- Component Level Styling
- Inline Level Styling
- Dynamic Level Styling
- Module Level Styling

## User Input, Events & useRef

- Forms & Input
- onChange Event
- Controlled Inputs
- onSubmit Event
- Add New Task
- useRef Hook

## useEffects, useCallback and Custom Hooks

- JSON Server
- useEffect Hook
- React StrictMode
- List Output
- onClick Event
- useCallback Hook
- Custom Hook (useFetch)
- Loading State
- Handling Errors (try/catch)
- Aborting Fetch Request
- Infinite Loops

## Project: TaskMate 🎉

- Project Source Code - GitHub
- TaskMate Demo
- Project Structure
- Components
- State: tasklist & setTasklist
- Function: Edit & Delete
- Warning: Undefined Value
- Update Button
- Local Storage: Store All Tasks
- Theme: Change Background
- Project Deployment

## React Router

- React Router Introduction

- React Router Setup
- Project Structure
- Navigation
- Route Parameters
- No Route Found
- Nested Routes
- Project Restructuring

### Tailwind CSS Crash Course

- Introduction & Demo
- Common Properties
- Hover, Focus, and Other States
- Responsive Design
- Dark Mode
- Custom Configuration
- Project Demo
- Header & Hero Section
- Footer
- Responsive Screen & Component Tools

### Movie API Project: Cinemate 🎉

- Project Source Code - GitHub
- Cinemate Demo
- Project Setup
- Tailwind Introduction
- TMDB API: Documentation
- UI Design (Tailwind & Flowbite)
- Navigation Structure
- Dark Mode Integration
- Movie List Structure
- API Fetch: Movie List
- Custom Hook: useFetch
- API Fetch: Movie Search
- Tailwind CSS Customization
- Page Not Found
- Individual Movie Information
- Scroll Restoration: Scroll To Top

- Dynamic Page Title
- Style Update
- Project Deployment
- Development Branch On Git & GitHub
- Solved: Netlify Error

### **Assignment: Shopping Cart** 🎉

- Assignment Statement & Demo
- Solution: Project Setup
- Solution: Components
- Solution: Pages
- Assignment Deployment

### **Context & Reducers Project: Shopping Cart** 🎉

- Global State Management
- Project Structure
- Context
- Reducer
- Methods
- Project Deployment

### **Redux Project: Shopping Cart** 🎉

- Redux Introduction
- Project Structure
- Slice & Action
- Reducers: Add & Remove
- Redux Store State
- Project Deployment

### **E-Commerce Project: Codebook** 🎉

- Project Source Code - GitHub
- Codebook Demo
- Installations
- Project Structure
- Header Component - I
- Header Component - II
- Home Page

- Products Page
- API: Product List
- Rating Component
- Individual Product Component
- Dark Mode
- ScrollToTop Component
- Product Search
- Dynamic Title
- Filter: Context & Reducers
- Filter: Initial Product List
- Filter: Properties
- Clear Filter
- Dropdown Option
- User Account & Cart
- Login & Registration Page
- React-Toastify
- API: Login/Register End Point
- Session Storage
- Toggle Dropdown (Hide)
- Cart Interface
- Cart: Context & Reducers
- Cart: Provider
- Add To Cart
- Condition Check: Already In Cart
- Out Of Stock Products
- Protected Routes
- Checkout Modal
- Undefined Value Warning
- Order Submit Function
- Order Page
- Dashboard: Condition 1
- Dashboard: Condition 2
- Auth Service: API End Points
- Data Service: API End Points
- Product Service: API EndPoints
- Page Not Found
- Dynamic Page Title

- Error Handling
- ENV
- Frontend Deployment
- Backend Deployment
- Update Environment Variables
- Login As Guest
- Solved: Netlify Errors

### **Assignment: Word Counter** 🎉

- Statement & Demo
- Solution: WordCount

### **React Testing Library & Jest**

- Testing Introduction
- React Testing Library & Jest
- Project Setup
- Testing Structure
- Test: Component Rendering
- Test: Fire Events & User Events
- Queries, Type, Expect & More
- Test: API Async Loading
- Test: Page Component Wrapper

### **Firebase Crash Course**

- Firebase Introduction
- Webpack Setup
- Firebase Setup
- Firebase Connection
- Fetching Documents - I
- Fetching Documents - II
- Adding & Deleting Documents
- Snapshots
- Firestore Queries
- Ordering Data
- Updating Documents
- Fetching Individual Document
- Authentication - I

- Authentication - II

### **Blog Project: WriteNode** 🎉

- Project Source Code - GitHub
- WriteNode Demo
- Project Structure
- Project Styling
- Homepage
- Firebase Setup
- Firebase Configuration
- Conditional Auth Header
- Create Blog Post
- Error: Object Fetch
- Toggle Update
- Dynamic Page Title
- React Loading Skeleton
- Project Deployment

### **Course Completion Certificate** 🎓

- React JS Masterclass: Zero To Job Ready With 10 Projects 🏆