**Student Management Dashboard – Project Overview**

**Project Type**: Full Stack Web Application  
**Frontend**: React.js, Tailwind CSS, ShadCN UI  
**State Management**: React Hooks (useState, useEffect)  
**Backend API**: MockAPI (can be upgraded to Express + MySQL)  
**Deployment**: GitHub (code) + Netlify (live site)

**Purpose**

This project allows users to manage a list of students and their course enrollments in a clean, interactive dashboard interface. Users can add, update, and delete student records with form validation and real-time UI updates.

**Key Features**

* Responsive React UI using ShadCN and Tailwind CSS
* Add/Edit/Delete students with form validation
* Course dropdown populated from remote API
* Live counts: total students, courses, and unique enrollments
* Fully functional dialog modals for form handling
* Clean code structure with React best practices

**React Concepts Demonstrated**

* useState and useEffect for state and side-effects
* async/await for API interaction
* Functional components with modular design
* Event handling, validation, and conditional rendering
* Clean separation of logic and UI

**Code & Deployment**

* GitHub Repo: [github.com/AvdhutBhokare/student-management-dashboard](https://github.com/AvdhutBhokare/student-management-dashboard)
* Live Website: [your-link.netlify.app] (replace after deployment)