

Honda Internship Project

Intern Book Project Report

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Prepared for: Honda Cars India Ltd.

1. Problem Statement

Internship programs frequently encounter difficulties in effective coordination between mentors and interns. Challenges include unclear task assignments, limited progress visibility, and scattered reporting, leading to delays, reduced engagement, and inefficiency.

2. About the Project

InternshipHub is a SaaS single-page application (SPA) that streamlines mentor-intern collaboration through role-based dashboards, task management, progress tracking, and intuitive communication tools. Built with ReactJS, Tailwind CSS, React Router, and Context API, it offers a scalable foundation for internship program management.

3. Project Objectives

- Streamline internship workflows with centralized task and progress tracking.
- Provide mentors with complete visibility over intern performance.
- Deliver interns a user-friendly interface to manage and report on tasks.
- Ensure a responsive, maintainable, and scalable application structure.

4. Requirements

Functional:

- Role-based authentication (mentor/intern)
- Task creation, assignment, editing, deletion
- Intern task viewing, progress updates, and mentor communication
- Customized dashboards per role

Non-Functional:

- Responsive UI for desktop and mobile
- Smooth animations and transitions
- Modular and reusable code

5. Technical Architecture

Frontend:

- ReactJS functional components with hooks
- Tailwind CSS for styling
- AOS for animations
- React Router for routing
- Context API for authentication and global state

Folder Structure:

```
src/  
├── App.jsx  
├── main.jsx  
├── index.css  
├── assets/logo.svg  
├── contexts/AuthContext.jsx  
├── data/dummyData.js  
├── components/  
│   ├── layout/ (Navbar, Footer)  
│   ├── auth/ (Login, Signup)  
│   ├── dashboard/ (MentorDashboard, InternDashboard)  
│   ├── mentor/ (InternManagement, TaskManagement, Reports)  
│   ├── intern/ (MyTasks, Progress)  
│   ├── static/ (LandingPage, About, Review, Contact)  
│   └── ProtectedRoute.jsx  
└── utils/
```

6. Key Features

- Role-based dashboards
- Task assignment & progress tracking
- Landing page with animated sections
- Mentor and intern-specific views
- Contact forms for communication

7. Sample Code

Role-Based Dashboard:

```
function RoleBasedDashboard() {  
  const { user } = useAuth();  
  if (!user) return null;  
  return user.role === 'mentor' ? <MentorDashboard /> : <InternDashboard />;  
}
```

8. Data Model

User:

```
{  
  "id": "uuid",  
  "name": "string",  
  "role": "mentor|intern",  
  "email": "string",  
  "tasks": ["taskId"]  
}
```

Task:

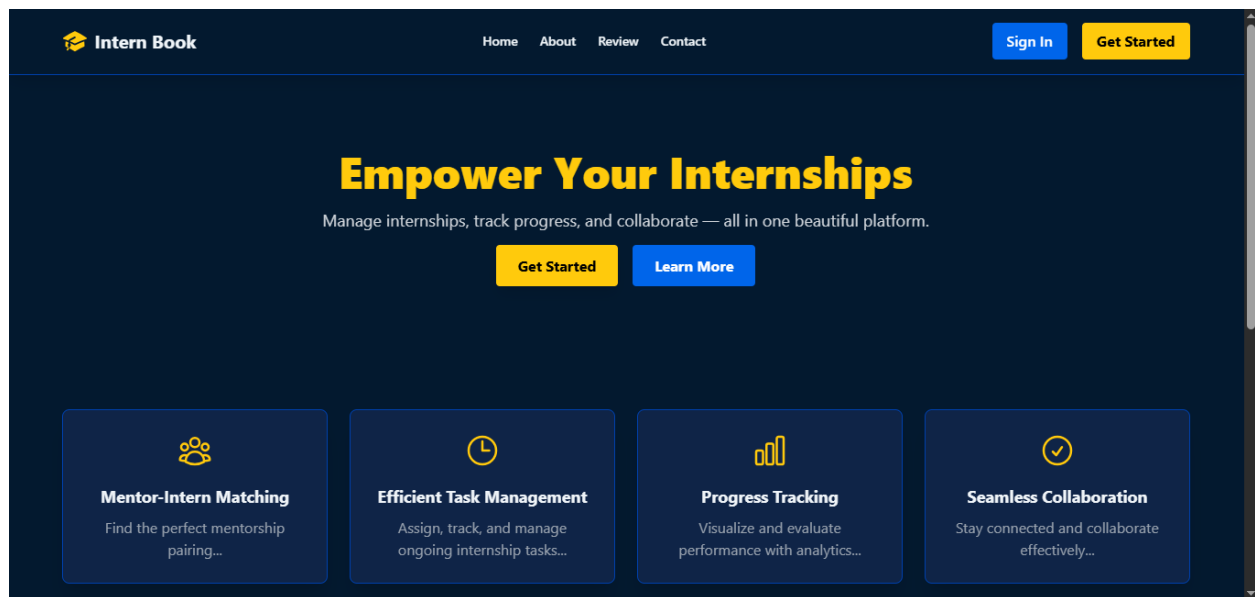
```
{  
  "id": "uuid",  
  "title": "string",  
  "description": "string",  
  "status": "pending|in-progress|completed",  
  "priority": "low|medium|high",  
  "dueDate": "date",  
  "assignedTo": "userId"  
}
```

9. UI/UX Highlights

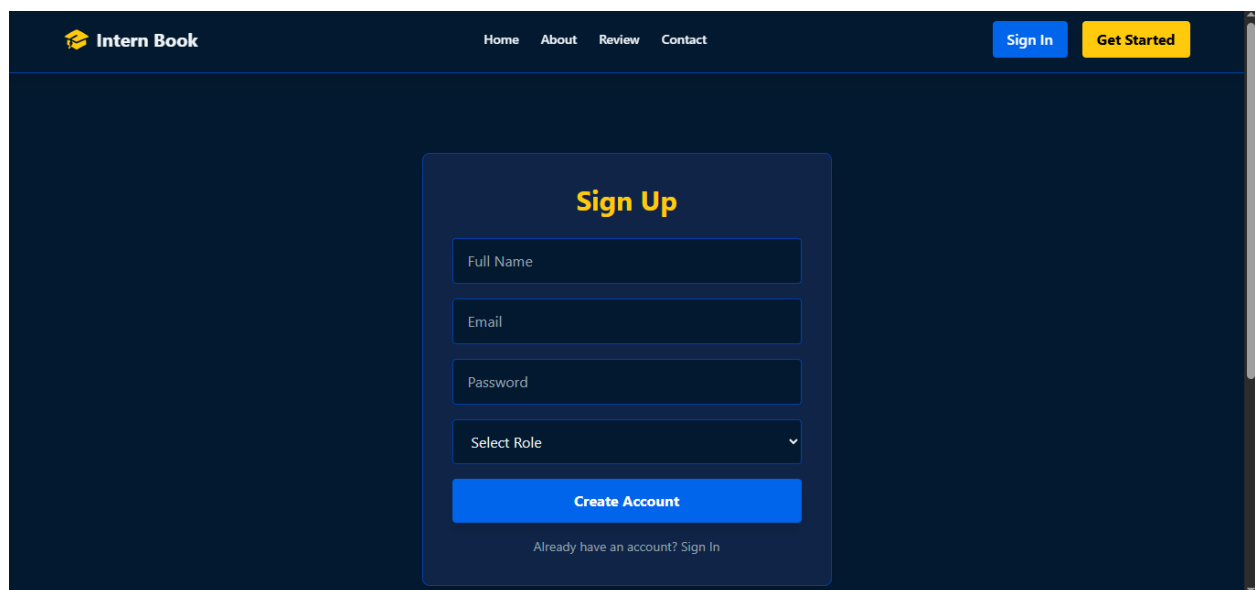
- Dark mode default
- Progress bars & status badges
- Hover tooltips for tasks
- Smooth modal interactions
- Fully responsive design

10. Project Screenshots

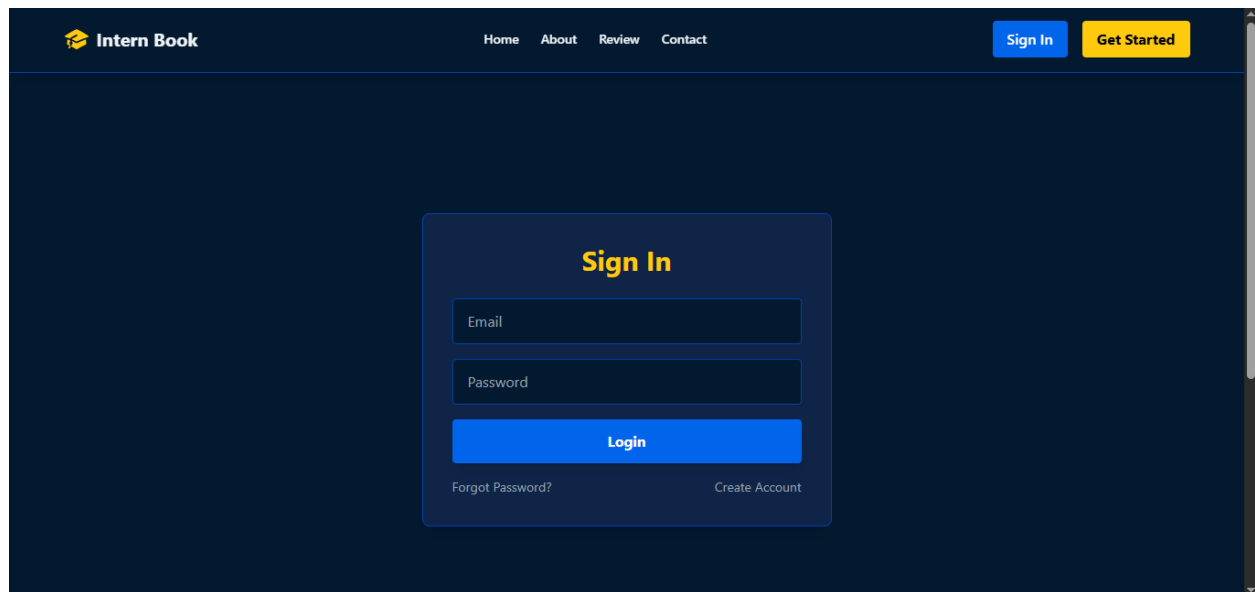
1. Landing page hero



2. Sign Up Page



3. Sign In Page



The Sign In page features a dark blue background. At the top, a navigation bar includes the 'Intern Book' logo, links for Home, About, Review, and Contact, and buttons for Sign In and Get Started. The main content area contains a central sign-in form with fields for Email and Password, a Login button, and links for Forgot Password? and Create Account.

Sign In

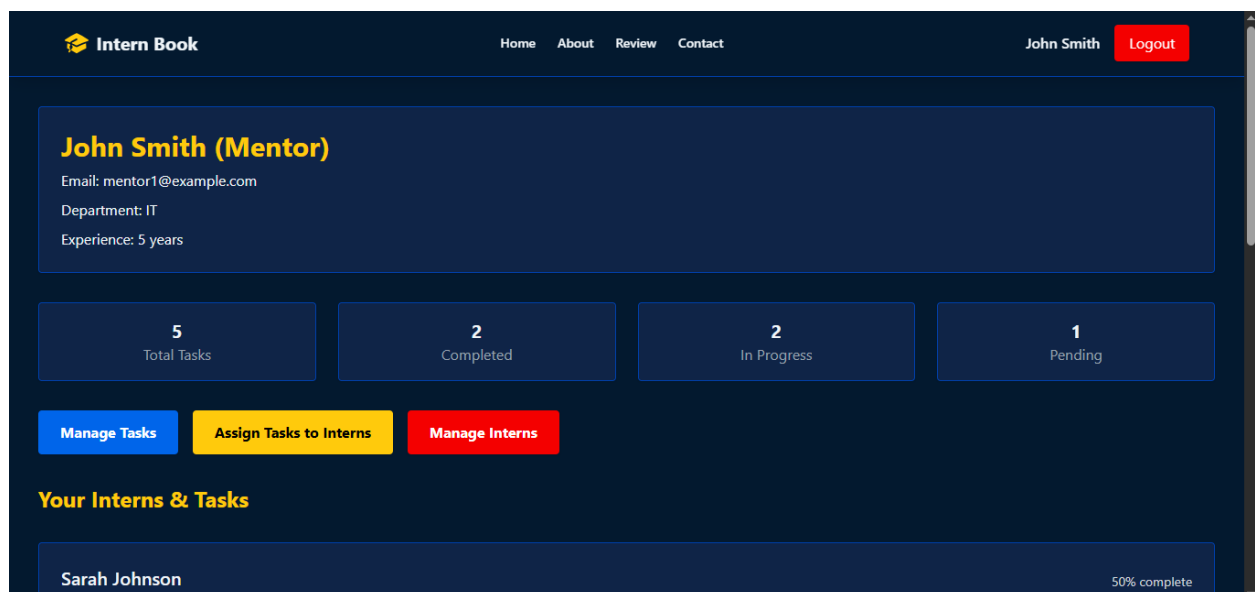
Email

Password

Login

[Forgot Password?](#) [Create Account](#)

4. Mentor dashboard with intern progress



The Mentor dashboard for John Smith shows his profile information and task progress. It includes a summary of tasks (5 Total, 2 Completed, 2 In Progress, 1 Pending) and buttons for managing tasks and interns. Below, a section titled 'Your Interns & Tasks' shows progress for Sarah Johnson.

John Smith (Mentor)
Email: mentor1@example.com
Department: IT
Experience: 5 years

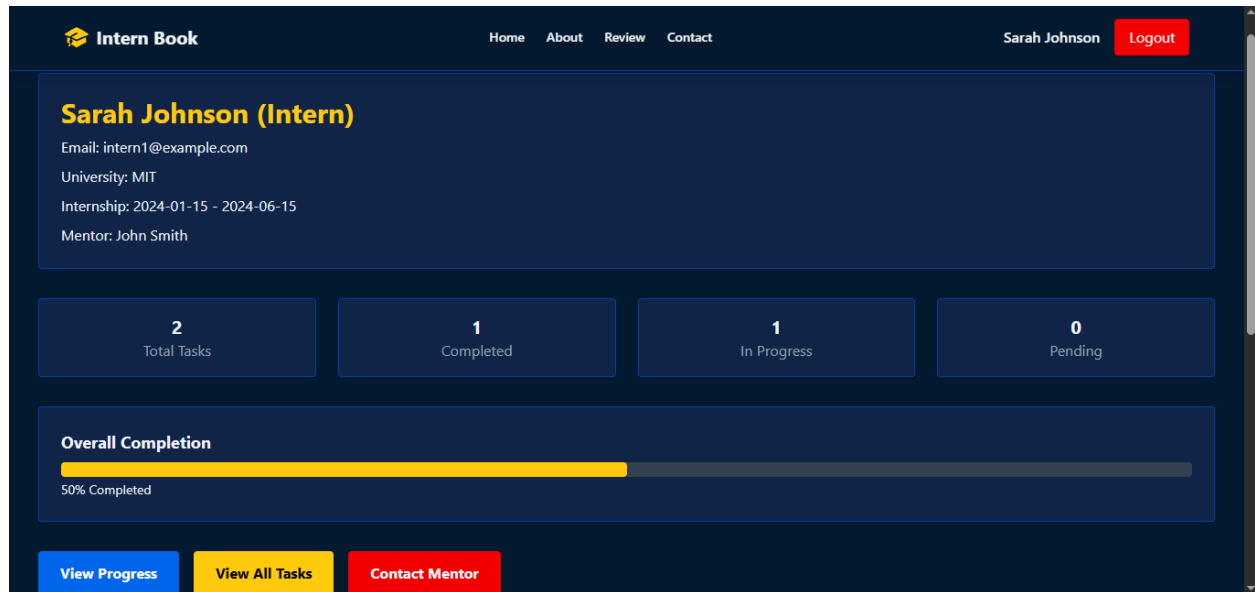
5 Total Tasks
2 Completed
2 In Progress
1 Pending

[Manage Tasks](#) [Assign Tasks to Interns](#) [Manage Interns](#)

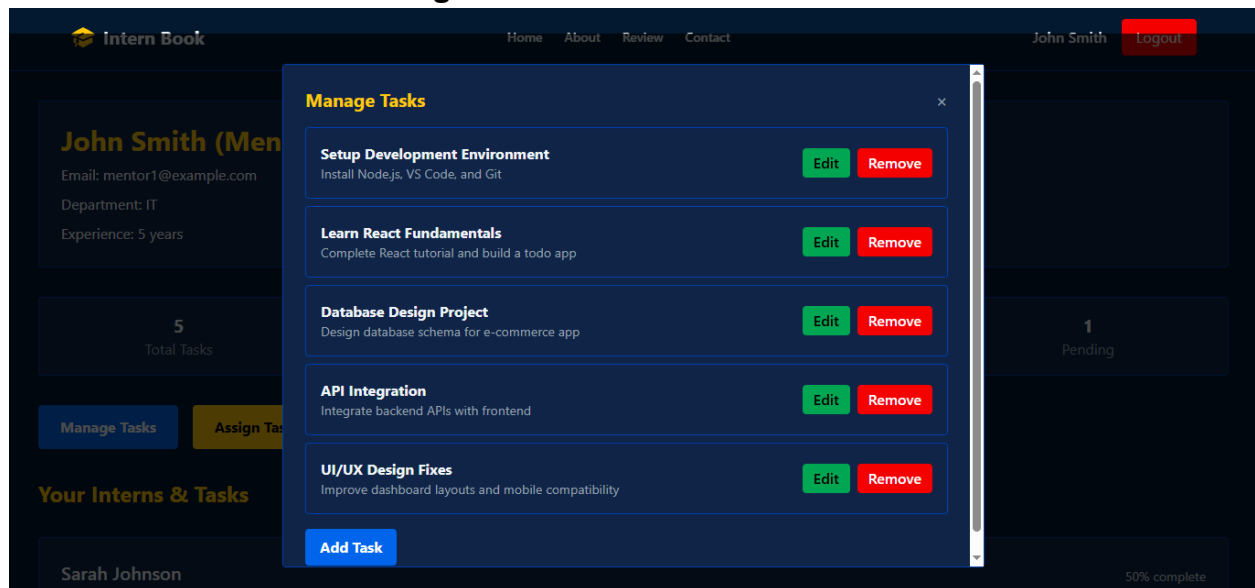
Your Interns & Tasks

Sarah Johnson
50% complete

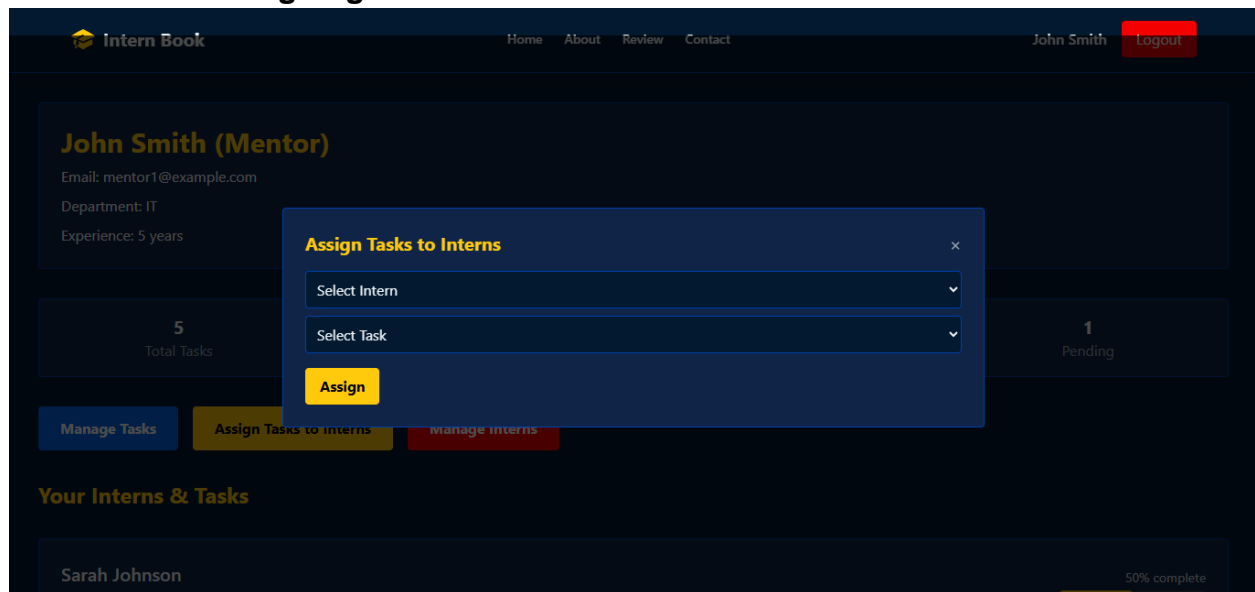
5. Intern dashboard with tasks



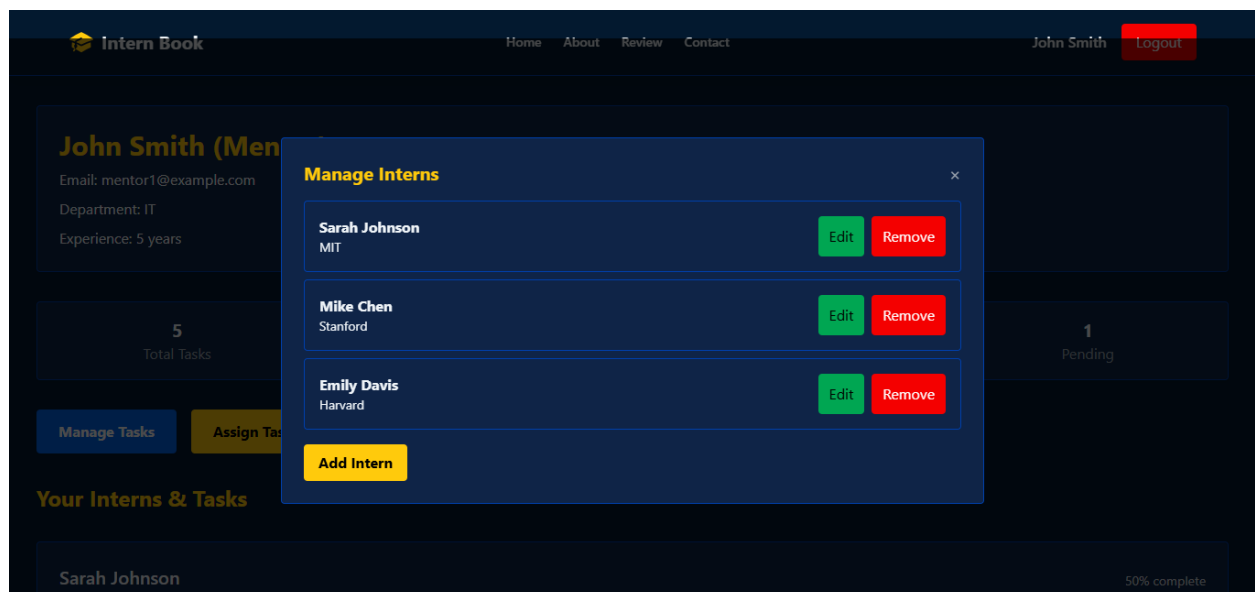
6. Modals for task management



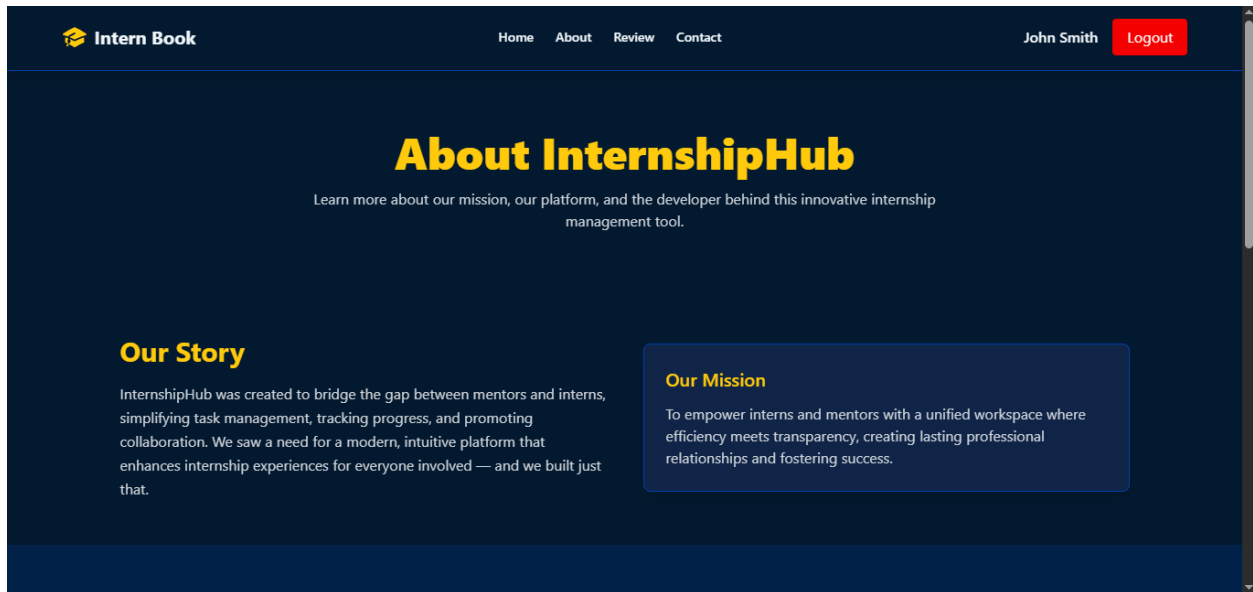
7. Modal for Assigning Task



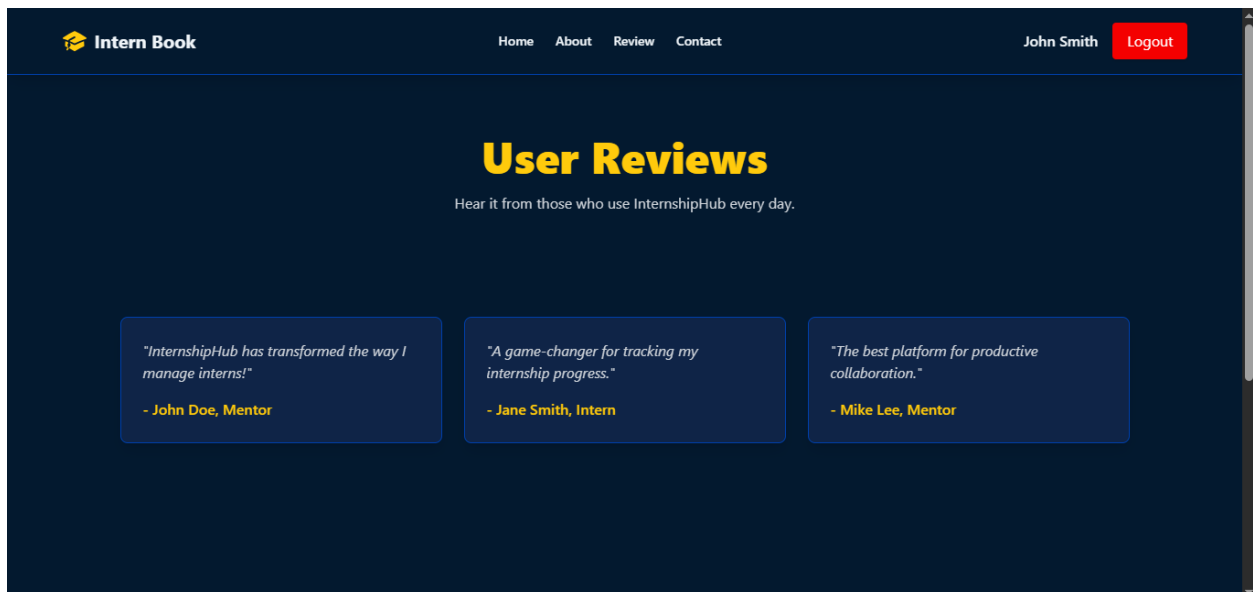
8. Modal for Managing Interns



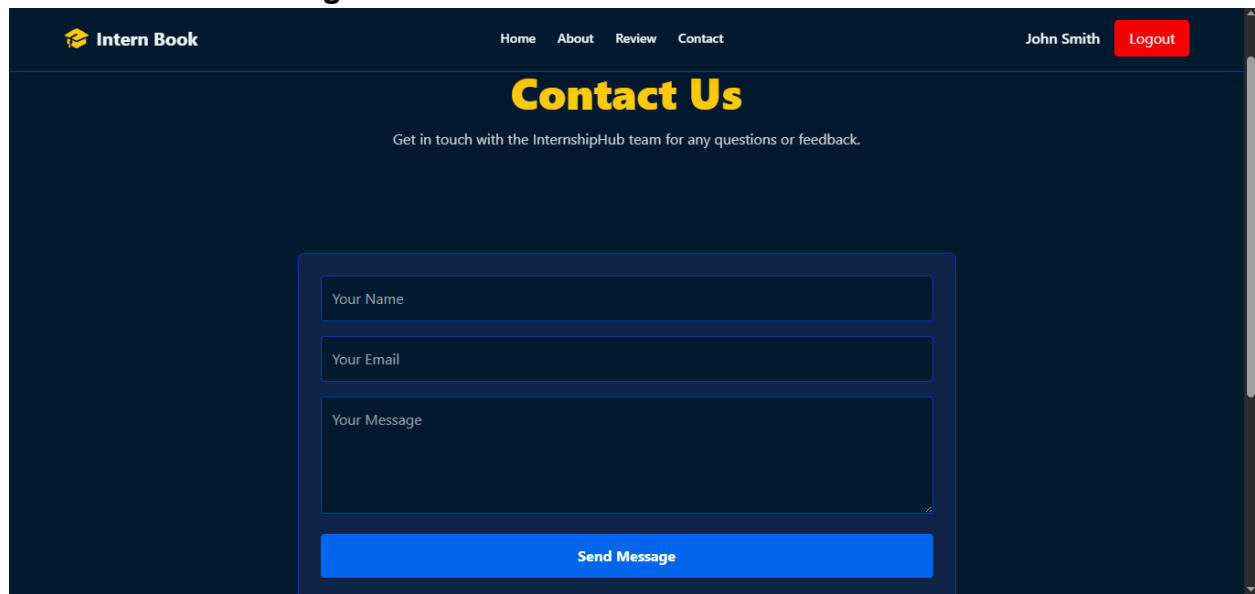
9. About Page



10. Review Page



11. Contact Us Page



The screenshot shows the 'Contact Us' page of the 'Intern Book' application. The page has a dark blue background. At the top, there is a navigation bar with the 'Intern Book' logo on the left and links for 'Home', 'About', 'Review', and 'Contact' in the center. On the right side of the navigation bar, the user's name 'John Smith' is displayed next to a red 'Logout' button. Below the navigation bar, the title 'Contact Us' is prominently displayed in a large, bold, yellow font. Underneath the title, a subtitle reads 'Get in touch with the InternshipHub team for any questions or feedback.' In the center of the page, there is a white-bordered form with three input fields: 'Your Name', 'Your Email', and 'Your Message'. Below these fields is a blue button labeled 'Send Message'.

11. Final Verdict

InternshipHub solves critical pain points in internship management, offering an intuitive, modern interface backed by a clean, modular codebase.

12. Future Enhancements

- Backend API integration for persistence
- Real-time updates via WebSockets
- Admin role with analytics
- Mobile application version
- In-app notifications and messaging

13. Real-Life Usage

- **Corporate Internship Programs:** Streamlined task assignments and progress tracking.
- **Academic Institutions:** Faculty oversight with structured feedback.
- **Startup Environments:** Lightweight management without complex setups.
- **Remote Internship Coordination:** Location-independent collaboration.
- **HR & Training:** Data-driven reports for program evaluation.

14. Future Scope

- Backend API with database integration
- Real-time collaboration via WebSockets
- Advanced analytics and reporting
- Multi-role permissions
- Mobile app development
- Third-party integrations (Slack, Teams)
- Automated alerts and gamification
- Localization and accessibility compliance
- Document management capabilities

15. Developer Information

Developer: Kartik Kumar

Contact: +91 9368847936

GitHub: <https://github.com/kumarkartik001>

LinkedIn: <https://linkedin.com/in/kartik-kumar-kk>