

Admin Panel - Inhouse Application Integration Guide

This guide explains how to integrate the Inhouse Internship Application with the Admin Panel.

1. Backend Setup (Node.js + Express + MongoDB)

- You already have an API endpoint to fetch PDF by ID:
`http://localhost:5002/api/applications/:id/pdf`
- Update your Application schema (MongoDB) to include either:
 - a) student email, or
 - b) student phone numberso you can map the PDF correctly to the student.
- Example schema update:
`pdfUrl: String // store the generated PDF link`
- When generating PDF, store the PDF URL in MongoDB linked with student email/phone.

2. Frontend Setup (React Admin Panel)

- In your Admin Panel, under "Inhouse Application" module, add a new column: PDF.
- Fetch the applications list from your backend API (with pdfUrl field).
- For each student row, check if pdfUrl exists:
 - a) If exists -> render a "View PDF" button
 - b) If not -> show "-"
- On clicking "View PDF", open the link in a new tab:
`View PDF`

3. Matching Logic

- When fetching records, join student details by:
 - Email
 - OR Phone number
- That way, each student has their PDF correctly matched.

4. Example React Code (Table Column)

```
{
  title: "PDF",
  dataIndex: "pdfUrl",
  key: "pdfUrl",
  render: (pdfUrl) =>
    pdfUrl ? (
```