

CREST

FINAL YEAR PROJECT · B.TECH INFORMATION TECHNOLOGY

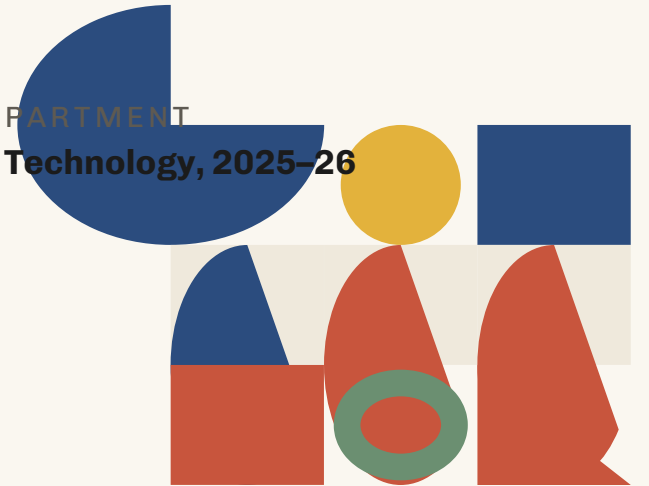
Campus Placement Portal

One place for drives, applications and results

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Information Technology, 2025–26



Agenda

01

Introduction

02

Literature & Gap

03

Proposed System

04

Implementation

05

Results

06

Conclusion



**Placement drive
management is still handled
manually in most places —
slow, error-prone and hard
to track.**

Why this project matters

Introduction

- ▶ Placement drive management matters to students and the placement cell every day
- ▶ Current methods are manual, slow and hard to scale
- ▶ Affordable technology now makes automation practical
- ▶ This project builds campus placement portal as a working prototype

CONTEXT

Most students and the placement cell we surveyed still rely on paper or spreadsheets for placement drive management.

Literature survey

Study	Approach	Limitation
Study A	Rule-based automation	Not adaptive
Study B	Mobile data collection	No analytics
Commercial tools	Full-featured suites	Costly and complex

Representative summaries — replace with your own citations.

System architecture



Input

Data captured from users
or sensors



Process

Core logic validates and
analyses



Store

Secure database and
backups



Output

Dashboard, alerts and
reports

Technology stack

01

Next.js

Student and admin portal

02

Node.js

APIs

03

MongoDB

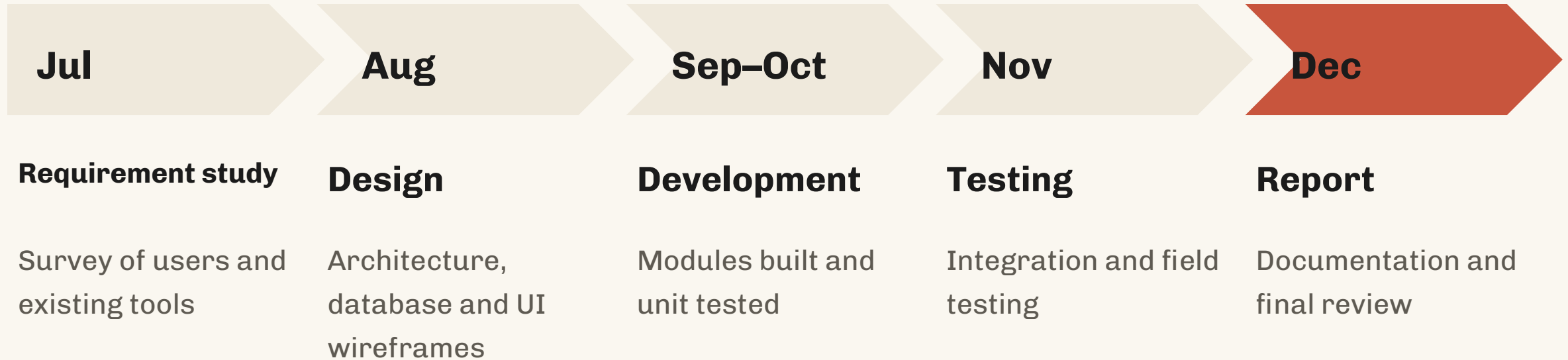
Profiles and drives

04

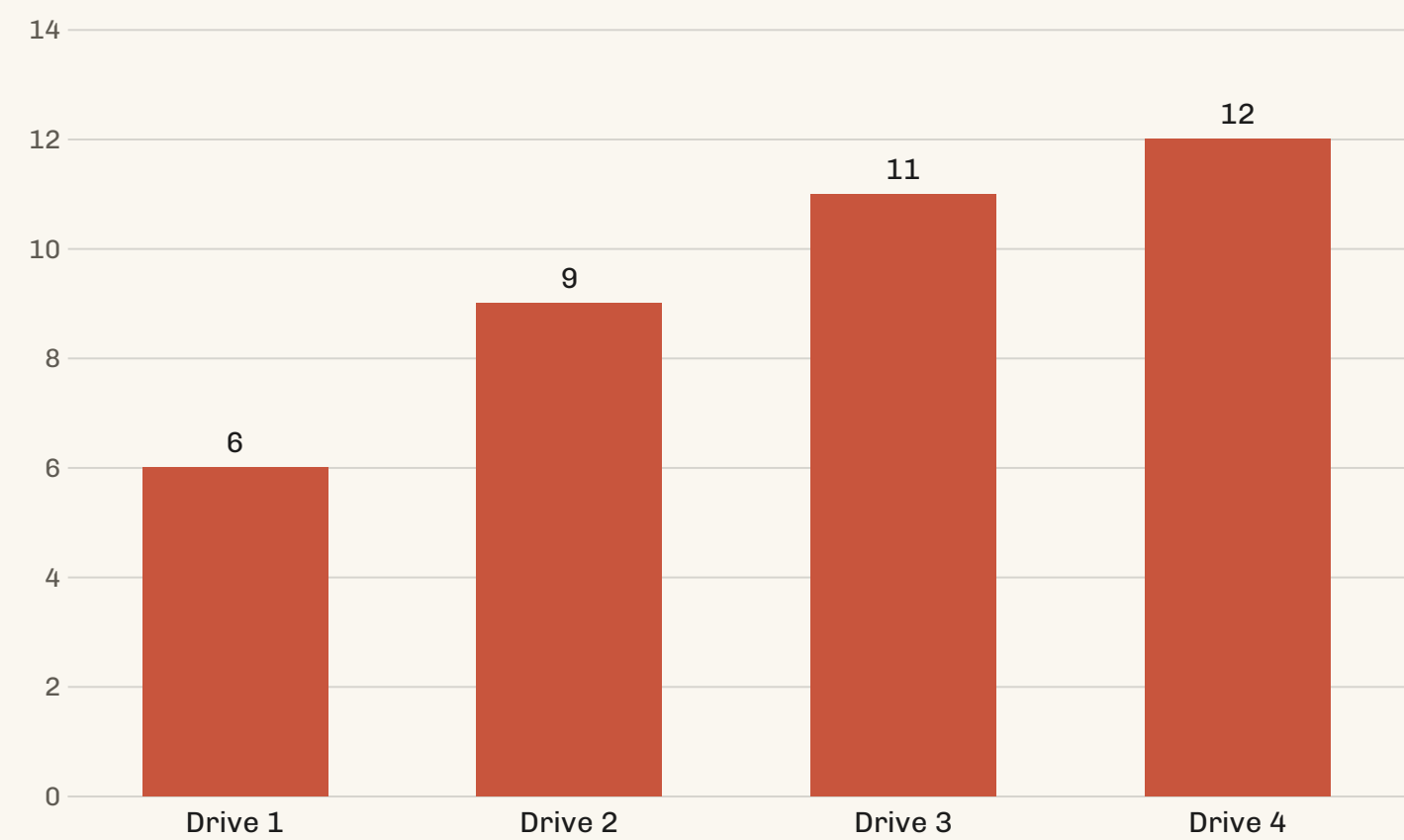
Mail service

Notifications

Project timeline



Results



Sample data for illustration — replace with your own figures.

70%

less manual coordination

The prototype improved steadily over the evaluation period (sample data).

Conclusion

- ▶ Campus Placement Portal meets its main objectives
- ▶ Automation saves time and reduces errors for students and the placement cell
- ▶ The design is simple to extend and maintain

References

- ▶ [1] A. Author, “Title of the paper,” Journal Name, vol. 12, pp. 1–10, 2023.
- ▶ [2] B. Author and C. Author, Book Title, 2nd ed. Publisher, 2022.
- ▶ [3] D. Author, “Conference paper title,” in Proc. Conference, 2024.
- ▶ [4] Official documentation of the tools used (accessed 2025).

Thank you

Questions and suggestions are welcome.

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