

# Edulink360

Flexisaf Internship Final Project

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December 2025

# PROJECT OVERVIEW

- Collaborative platform connecting students & teachers
  - Centralized learning environment
  - Objectives: streamline communication, provide academic resources, enable digital portfolios & career guidance

# PROBLEM STATEMENT

1

Fragmented  
access to academic  
resources

2

Poor teacher–  
student  
communication

3

Lack of feedback  
& progress  
tracking

4

Need for a  
centralized digital  
solution

# SYSTEM MODULES

- **Student Module:**  
Dashboard, Assignments,  
Messaging, Notifications,  
Portfolio, Career Quiz
- **Teacher Module:**  
Dashboard, Assignments,  
Messaging, Notifications,  
Professional Development
- **Shared Features:**  
Authentication, API  
integration, Responsive  
UI

# CONTRIBUTORS & ROLES

<b>Contributor</b>	<b>Role</b>	<b>Responsibilities</b>
Munirah Abdulkarim	Student Module	Built all student pages, integrated APIs, UI/UX, messaging & notifications UI
David Usoro	Teacher Module	Built all teacher pages, integrated APIs, messaging & notifications UI, assignment management

# KEY FEATURES

## Student Module:

- Dashboard & progress tracking
- Assignment submission
- Messaging & notifications
- Digital portfolio

## Teacher Module:

- Dashboard & class performance
- Assignment creation & grading
- Messaging & notifications
- Professional development



## CHALLENGES & LIMITATIONS

- Real-time features depend on backend
- AI career guidance not implemented
- Limited analytics
- Time constraints

# TECHNOLOGY STACK

**Frontend:** React 19, Vite 7, Tailwind CSS, React Router, Axios

**Backend:** Java (Spring boot)  
JPA/Hibernate, PostgreSQL, Spring,  
Security + JWT, Docker, Maven

# FUTURE ENHANCEMENTS

- AI mentor chat
- Advanced analytics & reporting
- File sharing in messages
- Push notifications
- Multi-language UI
- Certificate generation

# CONCLUSION

- Edulink360 provides a centralized learning platform
- Enables progress tracking, teacher management & communication
- Ready for further development & real-world use



Thank  
You