

CORE PROJECT CHECKLIST

1. COMPLETED FEATURES

- Login
- Registration (Student & Staff)
- Logout
- Session management
- Chatbot widget integrated
- Basic chatbot route working
- LLM connected with free API key
- Project structure organized

2. IN-PROGRESS FEATURES

- Student dashboard
- Staff dashboard
- Forgot/Reset Password system
- Chat history saving
- File upload system validation
- PDF text extraction

3. PENDING CORE FEATURES

A. Dashboard Features

Student Dashboard:

- Attendance view
- Events/Notices
- Subject resources
- Notes list
- Chatbot panel

Staff Dashboard:

- Upload materials
- Manage attendance
- Post events
- Chatbot document training

B. Chatbot Advanced Features

- Context retention
- Prompt template
- Semantic search
- Conversation session storage
- Fallback messages
- Typing indicator

C. Attendance System

- Attendance model
- Mark attendance
- View attendance
- Filters

D. Events & Notices

- Event model
- Staff create event
- Student event view

E. Security features

- CSRF protection
- Role-based access control
- Rate limiting
- Input sanitization
- Error pages

F. Notification system

- Reminders
- Attendance alerts
- Upload alerts

G. UI Enhancements

- Dark/Light mode
- Animations

- Voice input/output
- Mobile responsive