Mini-Project: Web Application Development Guidelines

Your task is to build a **Web Application using Python and NextJS** that meets the following **minimum requirements** based on your team's size. The project will focus on building a functional web application with proper database management, user interfaces, and, for larger teams, external system integration.

Project Deadline for Conceptual Design Submission:

- **Friday, 14 September 2025**

By this deadline, you are required to submit **70% of Chapters 1 - 3** of the Design Document. This portion is referred to as the **Conceptual Design**.

Minimum Requirements Based on Team Size:

Team Size	Database Tables	Total Pages (Including Dashboards)	Dashboard Pages	Authentication	External System Integration	Apply to other subject
2	5 Tables	4 Pages	0	Required	None	Optional
3	5 Tables	5 Pages	1	Required	None	Optional
4-5	5 Tables	5 Pages	1	Required	Required	Required

Detailed Breakdown:

1. **Dashboard Pages**:
   - A dashboard page is designed to present summarized data using charts, graphs, or key metrics. This page is counted as part of the total page count.
2. **Authentication**:
   - User login and registration functionalities are required for teams of 2 members or more.
3. **External System Integration**:
   - This involves integrating an external API or system into your application or you able to apply to other subject.
4. **Design Document**:
   - A design document is mandatory for all teams, and a template will be provided.