Work Breakdown Structure (WBS)

Project Name: College Management System
As part of my project simulation, I broke down the work into manageable components using WBS methodology to reflect professional project handling.

1. Project Initiation

1.1 Define Project Scope
1.2 Identify Stakeholders
1.3 Prepare Project Charter
1.4 Approvals and Kickoff

2. Planning Phase

2.1 Requirements Gathering
2.2 Feasibility Study
2.3 Resource Planning
2.4 Timeline Estimation
2.5 Budget Planning

3. Design Phase

3.1 System Architecture Design
3.2 Database Design
3.3 UI/UX Design
3.4 Prepare SRS Document

4. Development Phase

4.1 Frontend Development (Student Portal, Admin Portal, Faculty Portal)
4.2 Backend Development (APIs, DB Integration)
4.3 Integration of Modules

5. Testing Phase

5.1 Unit Testing
5.2 Integration Testing
5.3 User Acceptance Testing (UAT)
5.4 Bug Fixing and QA

6. Deployment Phase

6.1 Prepare Deployment Plan
6.2 Set Up Hosting Environment
6.3 Deploy System
6.4 Post-deployment Verification

7. Maintenance & Support

7.1 Monitor System
7.2 Fix Post-launch Bugs
7.3 Provide Technical Support
7.4 System Updates

8. Project Closure

8.1 Documentation Handover
8.2 Final Report
8.3 Project Review and Feedback
8.4 Formal Closure