DESIGN PATTERN ASSIGNMENT-1

COMSATS HIRING MANAGEMENT SYSTEM

The COMSATS University wants to automate their Employee Hiring Management System. The already process followed is manual and to translate it into a software system, a fully understanding of manual hiring process is mandatory.

The process starts with a request/demand that originates in the department. Initially, the hiring request, a number of employees with required skill level, is forwarded by the department Hod(s) to the upper management. Then the request sent by the Hod(s) for the approval/disapproval. In case the request gets approved, HR department advertises it as a job requirement in the national daily newspapers or on electronic media in order to people can apply the job opportunity.

The COMSATS management decided the software must be built in multiple phases and prefer in-house development rather than outsourcing. They selected CS Department to manage overall software development process.

In order to phase wise development the software development team, in CS Department, decided to follow the incremental software development process so that the future requirements can be incorporated flexibly.

The initial phase requirements are:

- Identify objects, properties and behaviors
- Create a UML Diagram for object interaction
- Create a C# .Net Console Application to demonstrate

Assignment Deliverables of Phase-1:
- UML object interaction diagram.
- C# Code to demonstrate objects, behaviors and properties.

Note:

Assignment must have a title and introduction page. Submit your assignment soft copy in pdf format as well as hard copy to CR.

Submission Due Date: 13th March, 2021 Midnight