

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER & INFORMATION SYSTEMS ENGINEERING



SOFTWARE MODELING AND DESIGN COMPETITION

INTRODUCTION

TechElite'11 is providing this unique platform to all the participants to show their software designing and analytical skills. Modeling and Designing is the core of software engineering. It guarantees the maintenance and correct functioning of the software. This combines best practices, platform independence, and extensibility into a common language for modeling complex software solutions. On this platform we will encourage students from all over Pakistan and will test their skills from different perspective of software design.

The software modeling and design competition will mainly focus on specification and design phase of software development cycle.






What do we mean by Software Design?

Software design is a graphical and simplified representation of the software requirement. It allows designer to use common platform to represent the requirement which can easily be translated into real software.

Just Note down the following statement:

“Not every programmer can be a good designer but a good designer is always a good programmer”.

Contents of the Competition

-  Basic Knowledge of Software Engineering
-  Software Specification
-  Software Design
-  Concepts of Object Oriented Programming(This will not include any coding material)
-  Design Patterns