Design starts mostly from requirements mostly from functionalities and other non functional characteristics

Common methodology for design communication required

We have to ensure that design requirements are mapped throughout all components

Detailed design comes from requirements and architecture

Structure of the solution comprises:

1. Major software elements
2. Externally visible properties
3. Relationships among elements

Architectural Styles/Patterns

1. Pipes-and-Filters
2. Event-Driven
3. Client-Server
4. Model-View-Controller (MVC)
5. Layered
6. Database Centric
7. Three Tier

MVC Architecture/Style