**AP4 AA2 Ev3**

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**What is the difference between system analysis and system design?**

**Analysis**

* Its bedrock is the identification of system’s requeriments and limitations within which the system will operate.
* This stage ensures that the software meets all the users' needs.
* A feasibility study is required
* all the information gathered s is translated into a requirements document
* requirements document is produced and validated by all users
* That document can contain the possible user’s inputs
* the objective is ensure that the system in question is properly understood

**Design**

* Its bedrock is the transformation of the software specification to real code.
* This stage ensures that the source code meets all the software specification.
* A feasibility study is not required
* all the information gathered is transformed into a source code
* source code is produced and validated by the developer
* The source code must contain the possible user’s inputs
* the objective is ensure that the source code in question is properly functional.

**Diez oraciones que incluyen verbos modales**

1. Systems Analysis refers to the process in which Analysts go through to determine how a system should operate.  
   *Systems Analysis refers to the process in which Analysts go through to determine how a system* ***must*** *operate.*
2. That is determining what functions the system should perform *That is determining what functions the system* ***must*** *perform  
   That is determining what functions the system* ***can*** *perform*
3. You may follow following steps in order to design a system as an analyst  
   *You* ***should*** *follow following steps in order to design a system as an analyst  
   You* ***must*** *follow following steps in order to design a system as an analyst*
4. Some tools you may use in their step can be:  
   *Some tools you* ***should*** *use in their step can be*
5. Based on the above step select the applications that would be used in the process  
   *Based on the above step select the applications that* ***must*** *be used in the process*
6. The best way to remember the difference is you can judge a design as good or bad.  
   *The best way to remember the difference is you* ***may*** *judge a design as good or bad.*
7. You can only validate an analysis as right or wrong  
   *You* ***must*** *only validate an analysis as right or wrong*
8. First you have to understand what a “system” is.  
   *First you* ***must*** *understand what a “system” is*
9. You must do the necessary documentation for the applications  
   *You* ***must*** *do the necessary documentation for the applications*
10. Many analysts should conduct interviews to understand the current flow of information.  
    *Many analysts* ***should*** *conduct interviews to understand the current flow of information*

**Glossary**

Achieve: verbo lograr, conseguir, alcanzar, llevar a cabo

Analyst: Persona encargada de realizar el análisis de software

Arras: Objeto conceptual que permite almacenar información ordenada

Budgets: Presupuesto

Bypassing: Pasar por alto  
Constraints: Restricciones

Devising: Diseñando

Diluted: Diluido

Itemizing: Detallar, especificar  
Performance: Desempeño, rendimiento

Procedural: Procesal, de procedimiento

Requirements: Requerimientos

Estatement: Declaracion

Retrieval: Recuperación

Scrambled: Revuelto

Staffing: Dotación de personal

System: Collection of hardware, software, data, human and procedural components   
 intended to give the right data and information to the right person at the right

Time.

Trading: Comercio

Vendors: Vendedores