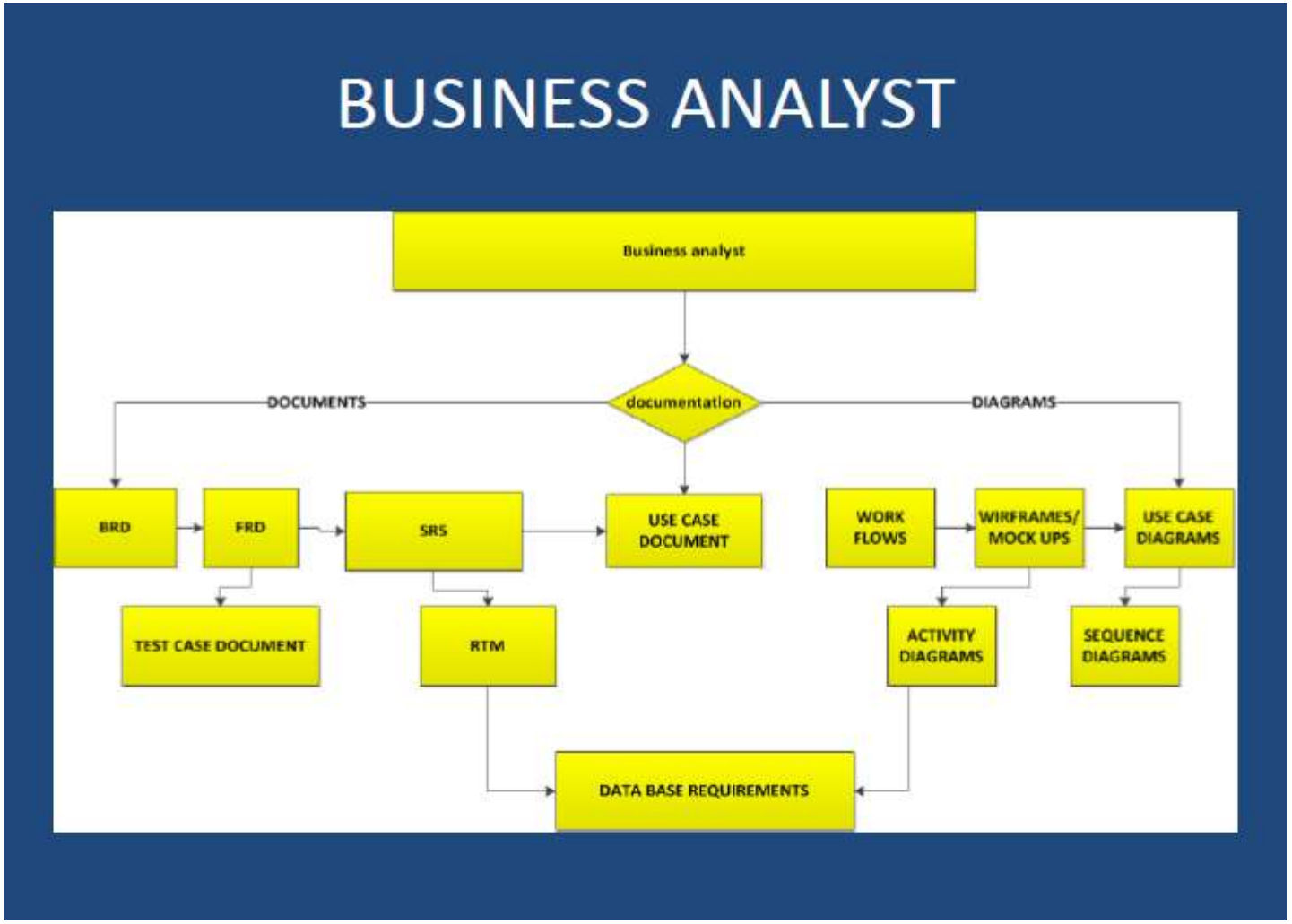
SYSTEM REQUIREMENT SPECIFICATION


BUSINESS ANALYST
Business analyst
documentation
DOCUMENTS
DIAGRAMS
BRD
FRD
SRS
USE CASE DOCUMENT
WORK FLOWS
WIRFRAMES/ MOCK UPS
USE CASE DIAGRAMS
TEST CASE DOCUMENT
RTM
ACTIVITY DIAGRAMS
SEQUENCE DIAGRAMS
DATA BASE REQUIREMENTS

System Requirement Specification

A business analyst sometimes titled system analyst is responsible for analyzing the business needs of their clients and stakeholders to help identify business problems and propose solutions. Within the systems development life cycle domain, the BA typically performs a liaison function between the business side of an enterprise and the information technology department or external service providers.

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System Requirements Specification

(SRS) template

System Requirements Specification

Specifying the Specifications

Technically speaking, “Requirement” ≠ “Specification”

•Requirement –understanding between customer and supplier

•Specification –what the software must do

•Requirements that are not in the SRS

–Costs

–Delivery dates

–Acceptance procedures

–etc

Uses of the SRS

- Design
- Validation
- Customer Contract – rarely

Desired SRS Characteristics

- Complete
- Consistent
- Changeable
- Traceable

IEEE 830

Characteristics of a Good SRS

1. Unambiguous
2. Complete
3. Verifiable
4. Consistent
5. Modifiable
6. Traceable
7. Usable during the Operation and Maintenance Phase

IEEE 830

Role of SRS

1. “The SRS must correctly define all of the software requirements, but no more.”

2. “The SRS should not describe design, verification, or project management details, except for required design constraints.”