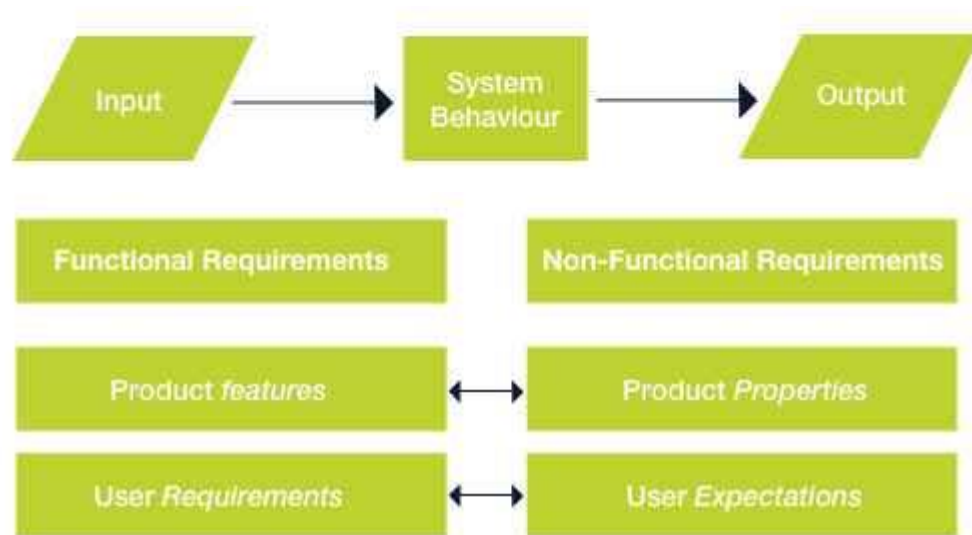# Req No funcionales

RF y NFR

- functional requirements what a system is supposed to do
- non functional requirements (NFRs) define constraints which affect how the system should do it
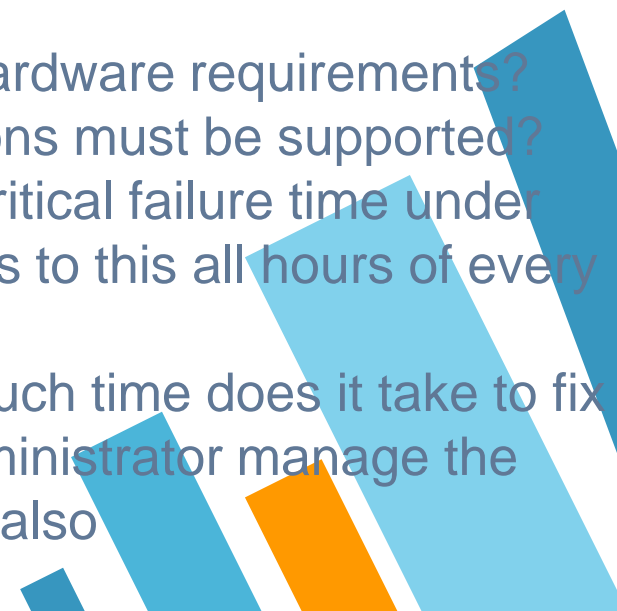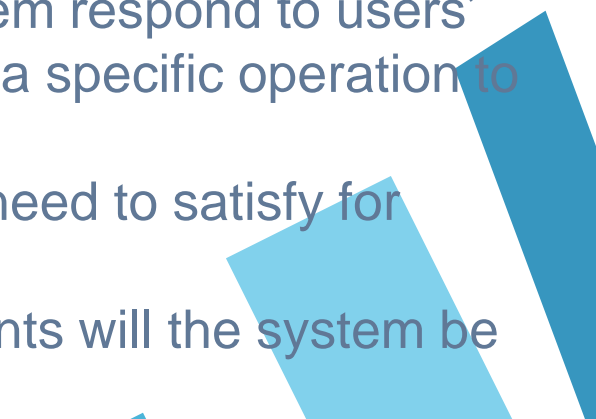- a system can still work if NFRs are not met

https://www.perforce.com/blog/alm/what-are-non-functional-requirements-examples

https://reqtest.com/requirements-blog/functional-vs-non-functional-requirements/

NFRs are often thought of as the "itys."

- Security: Does your product store or transmit sensitive information?
- Capacity: What are your system's storage requirements, today and in the future?
- Compatibility: What are the minimum hardware requirements? What operating systems and their versions must be supported?
- Reliability and Availability: What is the critical failure time under normal usage? Does a user need access to this all hours of every day?
- Maintainability + Manageability: How much time does it take to fix components, and how easily can an administrator manage the system? Under this umbrella, you could also define Recoverability and Serviceability.

More NFRs

- Scalability: The Black Friday test. What are the highest workloads under which the system will still perform as expected?
- Usability: How easy is it to use the product?
- Performance: How quickly does the system respond to users' actions, or how long does a user wait for a specific operation to happen?
- Regulatory: Are there requirements you need to satisfy for compliance?
- Environmental: What types of environments will the system be expected to perform within?

Examples

- Each page must load within 2 seconds.
- The process must finish within 3 hours so data is available by 8 a.m. local time after an overnight update.
- The system must meet Web Content Accessibility Guidelines WCAG 2.1.
- Database security must meet HIPPA requirements.
- Users shall be prompted to provide an electronic signature before loading a new page.

Examples

- Functional requirement: When an order is fulfilled, the local printer shall print a packing slip.
- Non Functional Requirement: Packing slips shall be printed on both sides of 4"x 6" white paper, the standard size for packing slips used by local printers.

FURPS

- Info adicional…

https://sqms.wordpress.com/tag/furps/

FIN