#DOCUMENTATION

Architectural diagrams, Infrastructure/Deployment diagrams, System Integration diagrams, Data Flows diagrams, etc. Any documentation that your teams need to communicate and clearly describe your system.

- ◯ Architectural Diagrams
- ◯ Data Flow Diagrams
- ◯ Deployment Diagrams

#COVERAGE

The percentage of your code that is being unit tested.

CURRENT COVERAGE %	TARGET % FOR QUARTER

- ◯ Code Coverage %
- ◯ Number of Passing Tests
- ◯ Number of Failing Tests

#SECURITY

Management of data within or between your applications. Client information like Personally identifiable/financial information, (including name, SSN, addresses, etc.) must be protected.

- ◯ Authentication
- ◯ Authorization
- ◯ Encryption (PII/PIFI) of Data

#PERFORMANCE

Every application needs to define the critical performance metrics (like transaction/sec, response time etc.) and work with the Load and Performance team to determine how they can be measured, and improved.

CURRENT	TARGET

- ◯ Load Test: Baseline
- ◯ Reoccurring Load Test (Comparing Current Runs Vs. Baseline Results)

#MONITORING
[Coming Soon]

Maintainability

Security

Scalability

TECHNOLOGY NFR QL

#ABOUT

We believe that we have the talent and passion to build the best applications in the world. To do this consistently we need to be mindful of more than just what our applications do; we need to be mindful of how they do it. We call those things that require our mindfulness NFRs.

#WHATISNFR

We call them non-functional requirements. NFRs are things we don't ask for but are expected in our solutions (scalability, security, maintainability, etc.). If we don't act on these things, they won't exist and we may not understand why.

#HOWTOUSE

This pamphlet is here to help you jump start your understanding of NFRs, and provide some guidance for how to start improving them for your applications. To get started, consider these bullet points when you assess your applications and when you make a plan for how you'd like to improve them over the next few months.

#WHATTODO
Let's add some clarity and simplicity.

- [ ] Read and understand this pamphlet

- [ ] Visit shorty/NFR for more details

- [ ] Set your team's NFR goals for the upcoming sprint or quarter

- [ ] Track NFR related work in confluence, TFS, and Jira with the appropriate NFR tag for discoverability

- [ ] Review how you did at the end of the sprint or quarter

- [ ] Rinse & repeat

Reach out to us for help via HipChat: [Community] NFR

Or

via email at:
ITVirtualTeamNFR@quickenloans.com

shorty/NFR

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Usability   *Quality*   *-ilities*