

SRMS Supplier Risk Management System

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Thank You!

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Introduction

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Project Description & Goals

The team will design and build a software system to manage a master inventory of suppliers. The supplier management system will become

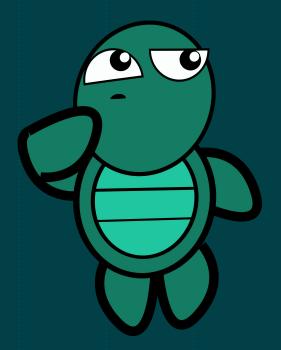
the 'single source of truth' about supplier relationships and will capture information necessary to provide governance and manage

risks. For example, the system will store contracts, contact information, product or service descriptions, financial expenses, etc. Without a system to manage supplier information, governance and risk management is not holistic.

The system should have a **database of suppliers** to capture supplier information based on the identified requirements (examples are provided above). The system also needs to have a

user-friendly front-end that provides a dashboard

VIEW of risks and suppliers with the ability for a Merck employee to generate reports. Users of the system can include both Merck internal users that manage supplier risks, as well as external suppliers who will use the system to provide information to Merck.



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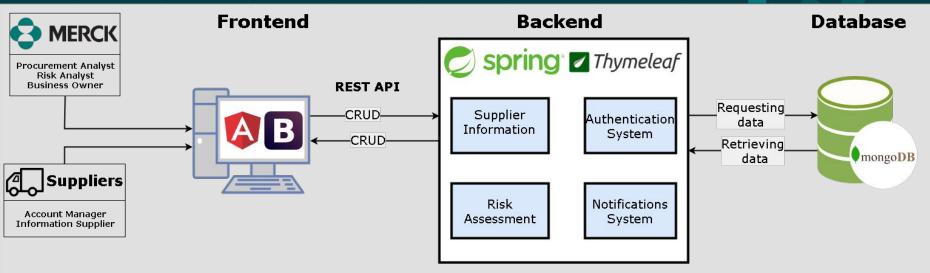
→ 18 Functional Requirements

3 Non-Functional Requirements

2 User Types Across 5 User Roles



Final Design



Challenges

- Starting From Scratch
 - Spring Security
 - Dependency Management
- Requirements
 - Merck's Risk Assessment Process
- Unfamiliar Technologies
 - MongoDB
 - AngularJS



Introducing SRMS



System Demonstration

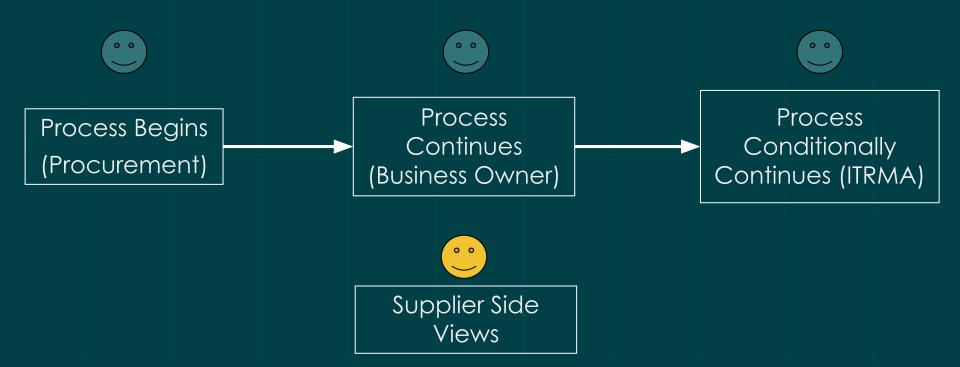
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New Functionality

- Messaging Quality of Life
 - Notification Badges
 - Automated Messages
- Assigning Business Owners
- User View Updates
- More Endpoint Security



Brief Walkthrough (New Supplier)



How did we do?

- Manage a master inventory of suppliers
- Capture information to provide governance and manage risk
- Database of Suppliers
- User-friendly front-end



Pending Functionality

Contracts

Comprehensive Logging

Report Generation

External Integration



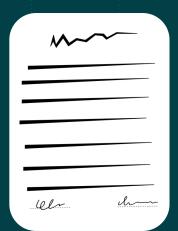
Documentation Review

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Final Project Report

- Design Diagrams
 - Overall System
 - Sequence

- → Test Plans
 - Unit (34/34)
 - Acceptance (20/20)
 - #16, testProjectsView





Supplemental Guides



Developer's Guide



Installation Guide





Conclusion

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Questions?

→ Project Recap

System Demonstration

Documentation

→ Miscellaneous

