Technical Sprint Framework

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Begin with a high-level summary of ideas, expectations, current system and integrations. What works, what doesn't, why this project, etc. Consider the stakeholders and their expectations. Then dive into the true tech specs to consider chunking the work into development sprints.

Business considerations
- High-level system considerations
    - Who is the end user? Customer? Product owner? Business line(s)? IT support office?
    - What are the desired features or application (e.g., scope and at a high-level)?
    - Is there something commercially offered that could work or would be used as a model?

- Existing platform
    - Is this an enhancement to an existing platform?
        - What are the specific enhancements desired?
        - Does GSA own/manage the current solution?
    - What is the current technology?
        - Who completes the work?
        - Are there skillsets currently in place?
    - Is the current solution tied to a contract and/or contractor?
        - What ability does GSA have to make changes to the system?

Software
- Languages, tools, applications, etc.
    - Web, mobile, or core SW languages (Java, Python, etc.)
    - Open source - public code
- Integration
    - Will this require integration with a third-party application, another system within GSA, and/or a system outside GSA?
    - Are there additional plugins/add-ons being considered?

Data management
- Are you looking to do something with the data?
    - What is the condition of the data?
        - Format - JSON, XML, Excel, CSV, etc.
        - Data size, frequency of capture
        - Where is it today?
- Type of data and sensitivity (e.g., PII, CC, Proprietary)?

- FIPS 199 Low, Moderate, High
- Do Open Data standards and APIs exist today?
    - Is this the intent going forward?

Security
- Does the solution need SSO, 2FA, user authentication?
- Is there additional security implications around document and data management?
- Any FedRamp implications?
- Physical security
- Internet security

Network
- Is the system assessed through GSA network only?
    - From outside the network?
- Is this a cloud-based system or will it be?
    - Is there an on-prem capability needed or can it be pure cloud?