

1. Characteristic Information

The following defines information that pertains to this particular use case. Each piece of information is important in understanding the purpose behind the Use Case.

Goal In Context:	The goal of this document is define the actions and actors necessary to retrieve a list of opportunities available via the Grants.gov applicant web services
Scope:	GetOpportunityList web service at Grants.gov
Level:	One
Pre-Condition:	Grantee system has tested connectivity with the Grants.gov system over SSL with Mutual Authentication
Success End Condition:	Grantee system retrieves a list of opportunities available on Grants.gov
Failed End Condition:	A SOAP fault message is returned to the grantee system
Primary Actor:	Grantee System
Trigger Event:	Grantee System prepares to submit a GetOpportunityListRequest SOAP message to Grants.gov

2. Main Success Scenario

This Scenario describes the steps that are taken from trigger event to goal completion when everything works without failure. It also describes any required cleanup that is done after the goal has been reached. The steps are listed below:

<u>Step</u>	<u>Actor</u>	<u>Action Description</u>
1	Grantee System	Sends a GetOpportunityListRequest SOAP message to the GetOpportunityList web service on the Grants.gov system
2	Grants.gov System	Authorizes submission request
3	Grants.gov System	Retrieves Opportunity List
4	Grants.gov System	Sends a GetOpportunityListResponse SOAP message
5	Grantee System	Processes a GetOpportunityListResponse SOAP message

3. Scenario Extensions

This is a listing of how each step in the Main Success Scenario can be extended. Another way to think of this is how can things go wrong. The extensions are followed until either the Main Success Scenario is rejoined or the Failed End Condition is met. The Step refers to the Failed Step in the Main Success Scenario and has a letter associated with it. I.E if Step 3 fails the Extension Step is 3a.

<u>Step</u>	<u>Condition</u>	<u>Action Description</u>
2a	Authorization Fails	A SOAP Fault will be returned with the associated error message. Authorization is checking that the SSL certificate serial number is registered on Grants.gov.
3a	Grants.gov fails to retrieve the opportunity list	A SOAP Fault will be returned with the associated error message.
5a	Grantee system fails to process the GetOpportunityListResponse	Grantee system should retry the request.

4. Scenario Variations

If a variation can occur in how a step is performed it will be listed here.

<u>Step</u>	<u>Variable</u>	<u>Possible Variations</u>
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5. Related Information

The following table gives the information that is related to the Use Case.

Frequency:	Very Often
Super Use Case:	N/A
Sub Use Case(s):	N/A
Channel To Primary Actor:	HTTPS, Client Authentication
Secondary Actor(s):	Grantee System
Channel(s) To Secondary Actor(s):	

6. Open Issues

The following table provides insight to any unresolved problems or questions. These are the things that seem to apply but could not be fit into this use case on this pass.

<u>Issue ID</u>	<u>Issue Description</u>
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