

### 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.

<b>Goal In Context:</b>	The goal of this document is define the actions and actors necessary to obtain a detailed status of electronic applications submitted to Grants.gov applicant web services
<b>Scope:</b>	GetApplicationStatusDetailList web service at Grants.gov
<b>Level:</b>	One
<b>Pre-Condition:</b>	Grantee system has tested connectivity with the Grants.gov system over SSL with Mutual Authentication
<b>Success End Condition:</b>	Grantee system receives a detailed status for a specified application submitted to Grants.gov
<b>Failed End Condition:</b>	A SOAP fault message is returned to the grantee system
<b>Primary Actor:</b>	Grantee System
<b>Trigger Event:</b>	Grantee System prepares to submit a GetApplicationStatusDetailListRequest 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 GetApplicationStatusDetailListRequest SOAP message to the GetApplicationStatusDetailList web service on the Grants.gov system
2	Grants.gov System	Authorizes submission request
3	Grants.gov System	Retrieves detailed status for a specific Grants.gov tracking number
4	Grants.gov System	Sends a GetApplicationStatusDetailListResponse SOAP message
5	Grantee System	Processes a GetApplicationStatusDetailListResponse 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 and that the application's Grants.gov Tracking Number belongs that serial number.
3a	Grants.gov fails to retrieve a detailed application status	A SOAP Fault will be returned with the associated error message.
5a	Grantee system fails to process the GetApplicationStatusDetailListResponse	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.

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

### 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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