

QUALITY ASSURANCE PLAN

Project Name	URStreamSight
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Quality Assurance Processes

Database Test data verification

API Integration Tests

Front end Tests

Test Plan

Deliverable	Test Cases	Performed By
Create API - Add tests to endpoints (database verification)	Seeds all test data correctly	Avery, Ray
	Test data does not seed correctly	
Create API - Add tests to endpoints	Described more fully in our Test Plan	Avery, Ray
	<b>GET by ID:</b>	
	Item Exists - return item	
	Item does not exist - Not Found	
	Does not have permission - Forbidden	
	Bad id - Bad Request (for each applicable id/parameter)	

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Missing id - bad request (for each applicable id/parameter)

**PUT by ID:**

Valid ID and body - Success return updated item

Item does not exist (for each applicable id/parameter searched by ex: organization, user, etc)

Does not have permission - Forbidden

Bad id - Bad Request (for each applicable id/parameter)

Bad body - Bad Request

Missing id - Bad Request (for each applicable id/parameter)

Missing body - Bad Request (for each applicable id/parameter)

**POST:**

Valid ID and body - Success return created item

Item does not exist (id/parameter to create on does not exist) - Bad Request

Does not have permission - Forbidden

Bad id - Bad Request (for each applicable id/parameter)

Bad body - Bad Request

Missing id - Bad Request (for each applicable id/parameter)

Missing body - Bad Request (for each applicable id/parameter)

Item already exists - Bad Request (UUID is already used)

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**DELETE By ID:**

Valid ID and body - Success return  
deleted item

Item does not exist - Not Found

Does not have permission - Forbidden

Bad id - Bad Request (for each applicable  
id/parameter)

Missing id - Bad Request (for each  
applicable id/parameter)

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Create Front end

Use user testing to identify non working  
components or areas of friction/stress in  
the process. Work with user feedback to  
find bugs.

Avery, Ray

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