QUALITY ASSURANCE PLAN

Project Name	URStreamSight

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 Test data does not seed correctly	Avery, Ray
Create API - Add tests to endpoints	Described more fully in our Test Plan **GET by ID:** Item Exists - return item Item does not exist - Not Found Does not have permission - Forbidden Bad id - Bad Request (for each applicable id/parameter)	Avery, Ray

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)

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)

Create Front end	Outlined in more detail in our testing plan	Avery, Ray

Test using a testing tool to test components and expected actions.

- Test valid input
- Invalid input
- Restricted access

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