INSTITUTIONAL ASSESSMENT WITH PLONE

yc.accessment add-on for plone (AKA. YAMS)

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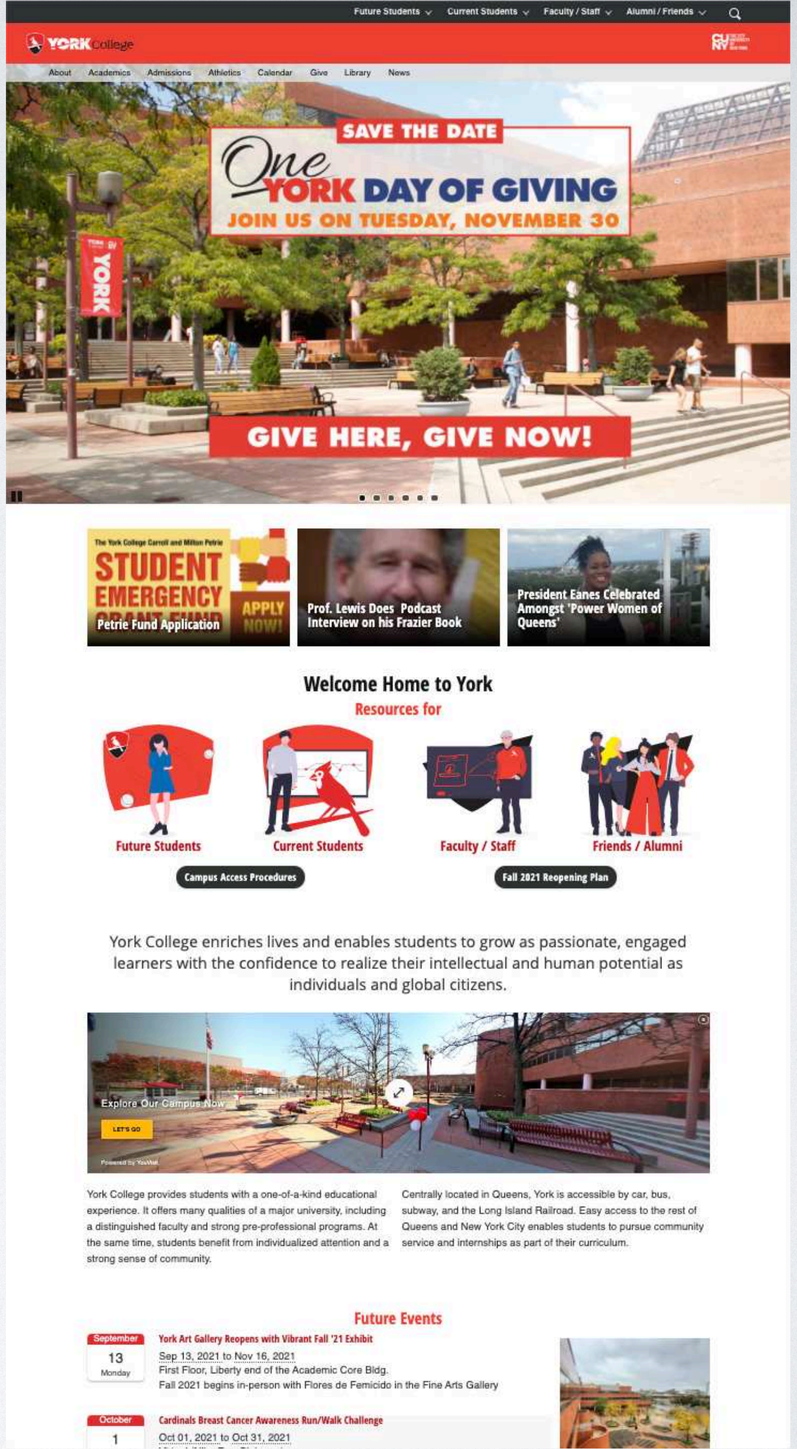
www.york.cuny.edu

Worked with Python/Zope since 2002



June 2019

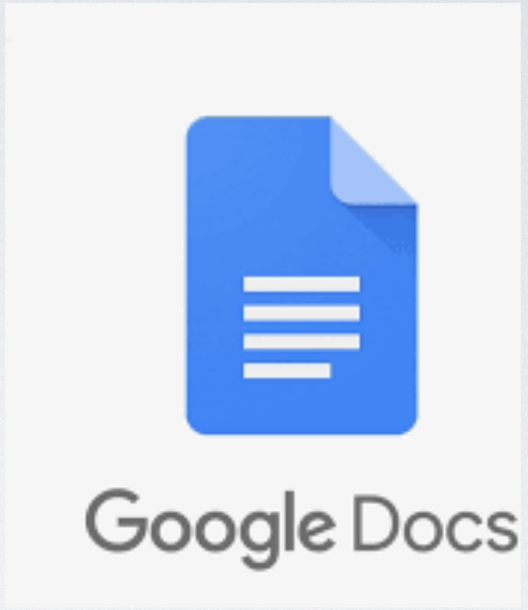
"*...improved internal system of documenting assessment results, action plans, and follow-up strategies*"

- Middle States Commission on Higher Education

Deadline March 2020

PROBLEM

- No tool for assessment
- Unit were using excel, google docs, blackboard or whatever the unit was comfortable with to create and share assessment
- Department Chairs will change several times between reaccreditations
- Plans and Reports were distributed as PDF



PROBLEM

- 8 month - from concept to having a full year worth of data enter by the units
- 53 AESS Units
- 49 Academic Units
- Finances were an issue at York
- Team is understaff

CAN WE BUILD IT

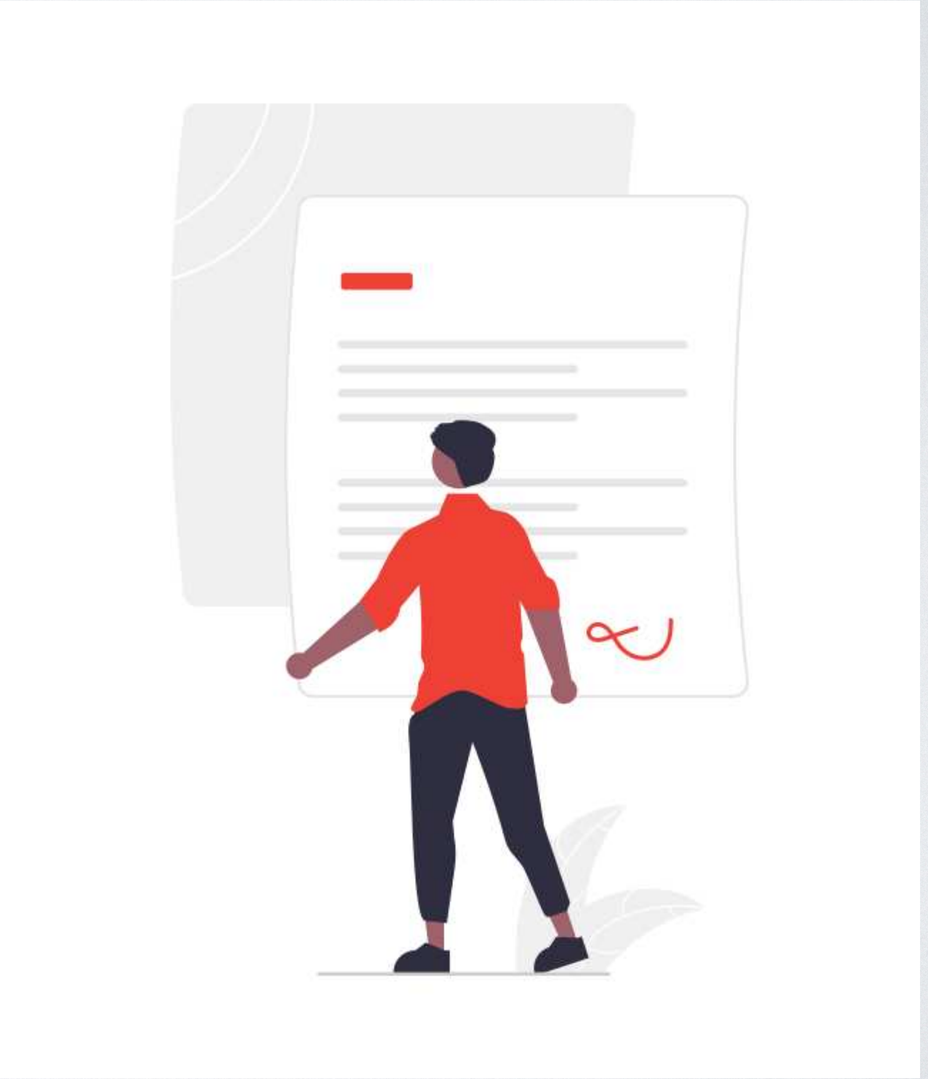
- *"did not consider any other systems because I had experience with two such systems at my prior institution. I knew that both were very expensive and neither met the need."*

  - Hoeffner, AVP

- **Can we build it?**
  Yes, Plone can!

REQUIREMENTS

- As a visitor I want to find current information on the units missions and goals.
- Coordinator can update missions, goals
- Coordinator can create plans, midyear check and report and submit to Director
- Director can review submissions by coordinator and submit to VP
- VP can review submissions approved by Directors and Submit to Committee
- Committee can vote on submission and return with comment or publish internally or externally item submitted by VP
- Institutional Effectiveness and Strategic Planning can view reports and filter the date



PLAN

- **Phase 1** (9/1) Unit, Mission, Goals
- **Phase 2** (9/15) Non-Academic Units Assessment Plan
- **Phase 3** (9/27) Academic Units Assessment Plan
- **Phase 4** (11/1) Mid-Year Check
- **Phase 5** (1/15) Assessment Report
- **Phase 6** (3/1) IR Reports

HAMMER TIME

Build-ins

- Plone/Castle CMS
- Content Rules (mailtorole)
- LDAP / Active Directory
- Working Copy Support (Iterate)
- Workflow Policy Support (CMFPlacefulWorkflow)
- Faculty, staff and units already using the CMS

PHASE I

Units, Missions and Goals

Content types

- Unit (container)
- Goals

New Roles

- Coordinator
- Dept Head
- VP

Workflow

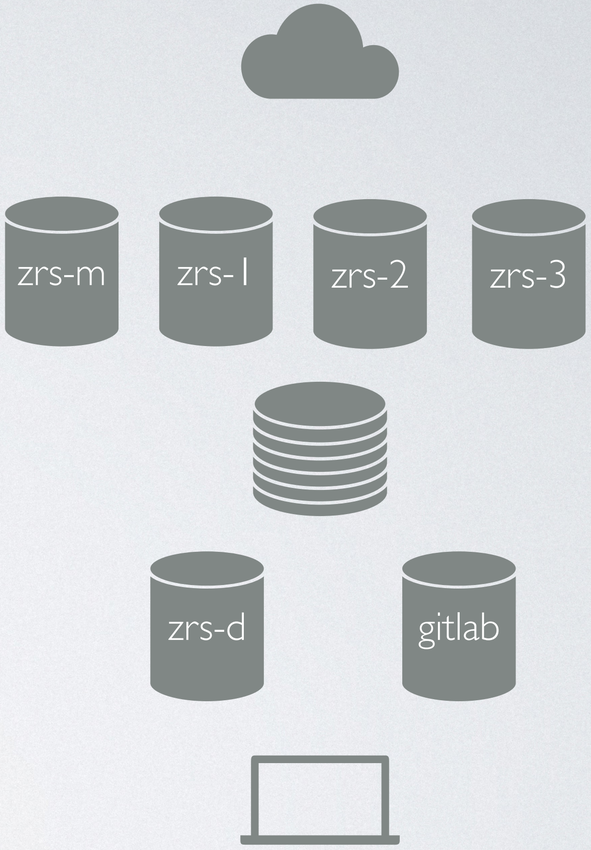
- assessment workflow unit

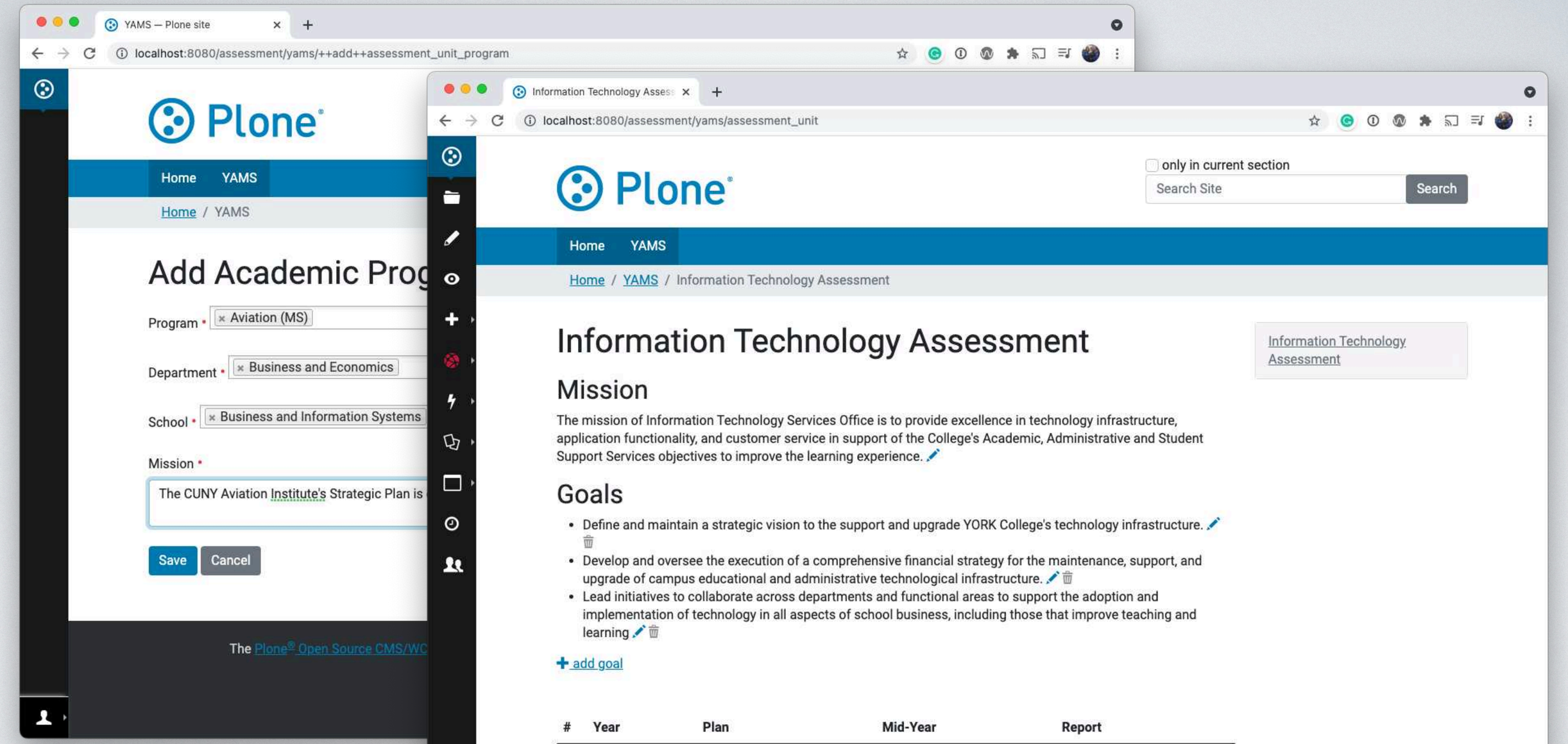
View

- Unit view

INITIAL DEPLOYMENT

- Planned Maintenance
- Read-only website
- Buildout in 4 servers
- Future updates
  - git pull
  - sequentially restarting zclients
  - no downtime or readonly




YAMS — Plone site
localhost:8080/assessment/yams/++add++assessment_unit_program
Plone
Home
YAMS
Home / YAMS
Add Academic Prog
Program *
Aviation (MS)
Department *
Business and Economics
School *
Business and Information Systems
Mission *
The CUNY Aviation Institute's Strategic Plan is
Save
Cancel
The Plone® Open Source CMS/WC
Information Technology Asses
localhost:8080/assessment/yams/assessment_unit
Plone
only in current section
Search Site
Search
Home
YAMS
Home / YAMS / Information Technology Assessment
Information Technology Assessment
Information Technology Assessment
Mission
The mission of Information Technology Services Office is to provide excellence in technology infrastructure, application functionality, and customer service in support of the College's Academic, Administrative and Student Support Services objectives to improve the learning experience.
Goals
Define and maintain a strategic vision to the support and upgrade YORK College's technology infrastructure.
Develop and oversee the execution of a comprehensive financial strategy for the maintenance, support, and upgrade of campus educational and administrative technological infrastructure.
Lead initiatives to collaborate across departments and functional areas to support the adoption and implementation of technology in all aspects of school business, including those that improve teaching and learning
add goal
Year Plan Mid-Year Report
1 2020-2021 view view view
2 2019-2020 October 25th, 2021 October 25th, 2021 October 25th, 2021

PHASE 2

Non-Academic Units Assessment Plan

Content types

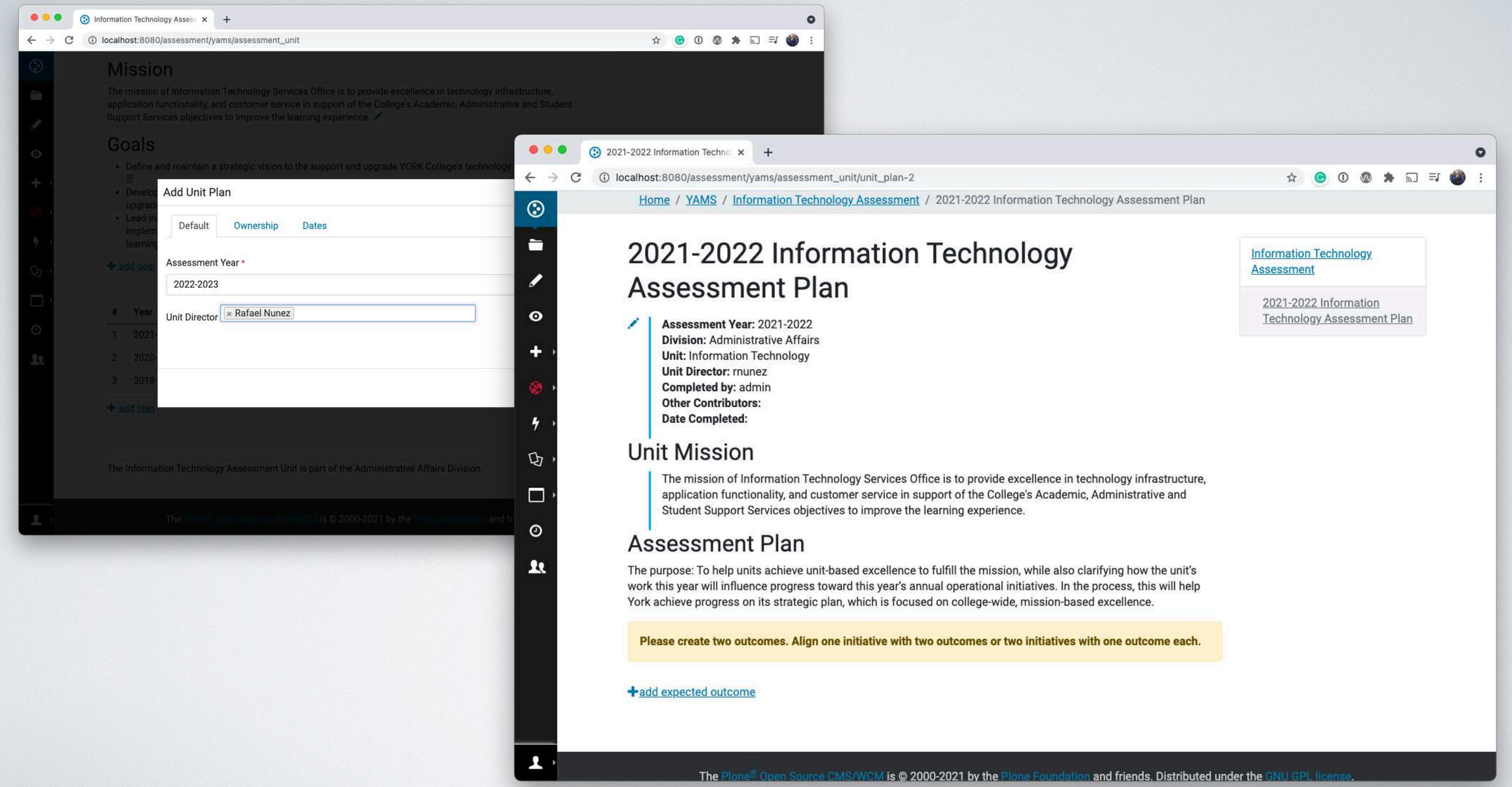
- Program Assessment Plan (container)
- planned activity program
- planned rational
- collection evaluation

Workflow

- assessment workflow

View

- Unit Plan view


Information Technology Asses
localhost:8080/assessment/yams/assessment_unit
Mission
The mission of Information Technology Services Office is to provide excellence in technology infrastructure, application functionality, and customer service in support of the College's Academic, Administrative and Student Support Services objectives to improve the learning experience.
Goals
Add Unit Plan
Default
Ownership
Dates
Assessment Year *
2022-2023
Unit Director
Rafael Nunez
The Information Technology Assessment Unit is part of the Administrative Affairs Division.
2021-2022 Information Techno
localhost:8080/assessment/yams/assessment_unit/unit_plan-2
Home / YAMS / Information Technology Assessment / 2021-2022 Information Technology Assessment Plan
2021-2022 Information Technology Assessment Plan
Information Technology Assessment
2021-2022 Information Technology Assessment Plan
Assessment Year: 2021-2022
Division: Administrative Affairs
Unit: Information Technology
Unit Director: rnunez
Completed by: admin
Other Contributors:
Date Completed:
Unit Mission
The mission of Information Technology Services Office is to provide excellence in technology infrastructure, application functionality, and customer service in support of the College's Academic, Administrative and Student Support Services objectives to improve the learning experience.
Assessment Plan
The purpose: To help units achieve unit-based excellence to fulfill the mission, while also clarifying how the unit's work this year will influence progress toward this year's annual operational initiatives. In the process, this will help York achieve progress on its strategic plan, which is focused on college-wide, mission-based excellence.
Please create two outcomes. Align one initiative with two outcomes or two initiatives with one outcome each.
add expected outcome
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PHASE 3

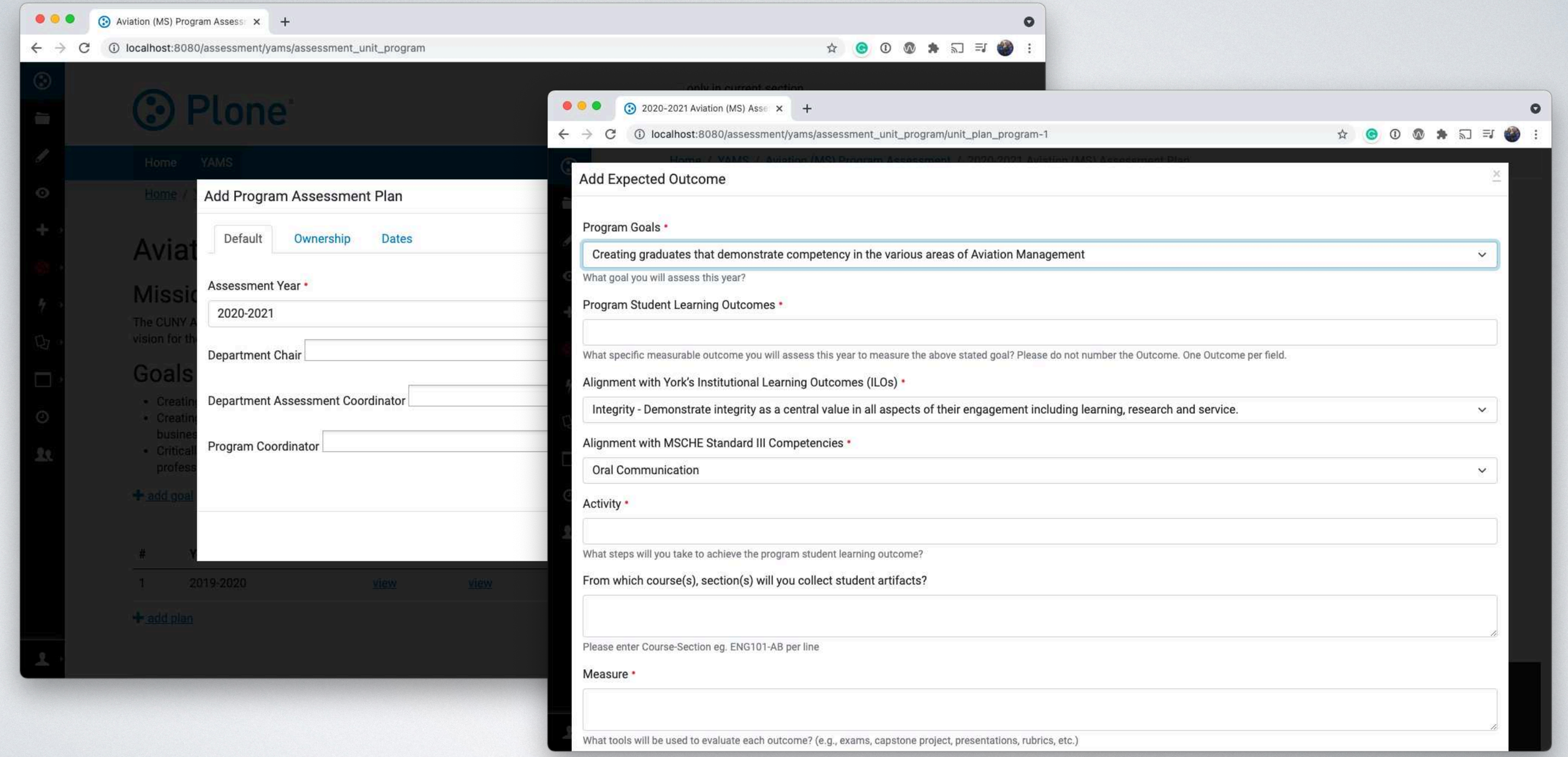
Academic Units Assessment Plan

Content types

- Program Assessment Plan (container)
- planned_activity_program
- ~~planned_rational~~
- ~~collection_evaluation~~

View

- Unit Plan Program View


Aviation (MS) Program Assess
localhost:8080/assessment/yams/assessment_unit_program
Plone
Home
YAMS
Add Program Assessment Plan
Default
Ownership
Dates
Assessment Year *
2020-2021
Department Chair
Department Assessment Coordinator
Program Coordinator
Goals
add goal
#
1
2019-2020
view
view
add plan
2020-2021 Aviation (MS) Asse
localhost:8080/assessment/yams/assessment_unit_program/unit_plan_program-1
Add Expected Outcome
Program Goals *
Creating graduates that demonstrate competency in the various areas of Aviation Management
What goal you will assess this year?
Program Student Learning Outcomes *
What specific measurable outcome you will assess this year to measure the above stated goal? Please do not number the Outcome. One Outcome per field.
Alignment with York's Institutional Learning Outcomes (ILOs) *
Integrity - Demonstrate integrity as a central value in all aspects of their engagement including learning, research and service.
Alignment with MSCHE Standard III Competencies *
Oral Communication
Activity *
What steps will you take to achieve the program student learning outcome?
From which course(s), section(s) will you collect student artifacts?
Please enter Course-Section eg. ENG101-AB per line
Measure *
What tools will be used to evaluate each outcome? (e.g., exams, capstone project, presentations, rubrics, etc.)

PHASE 4

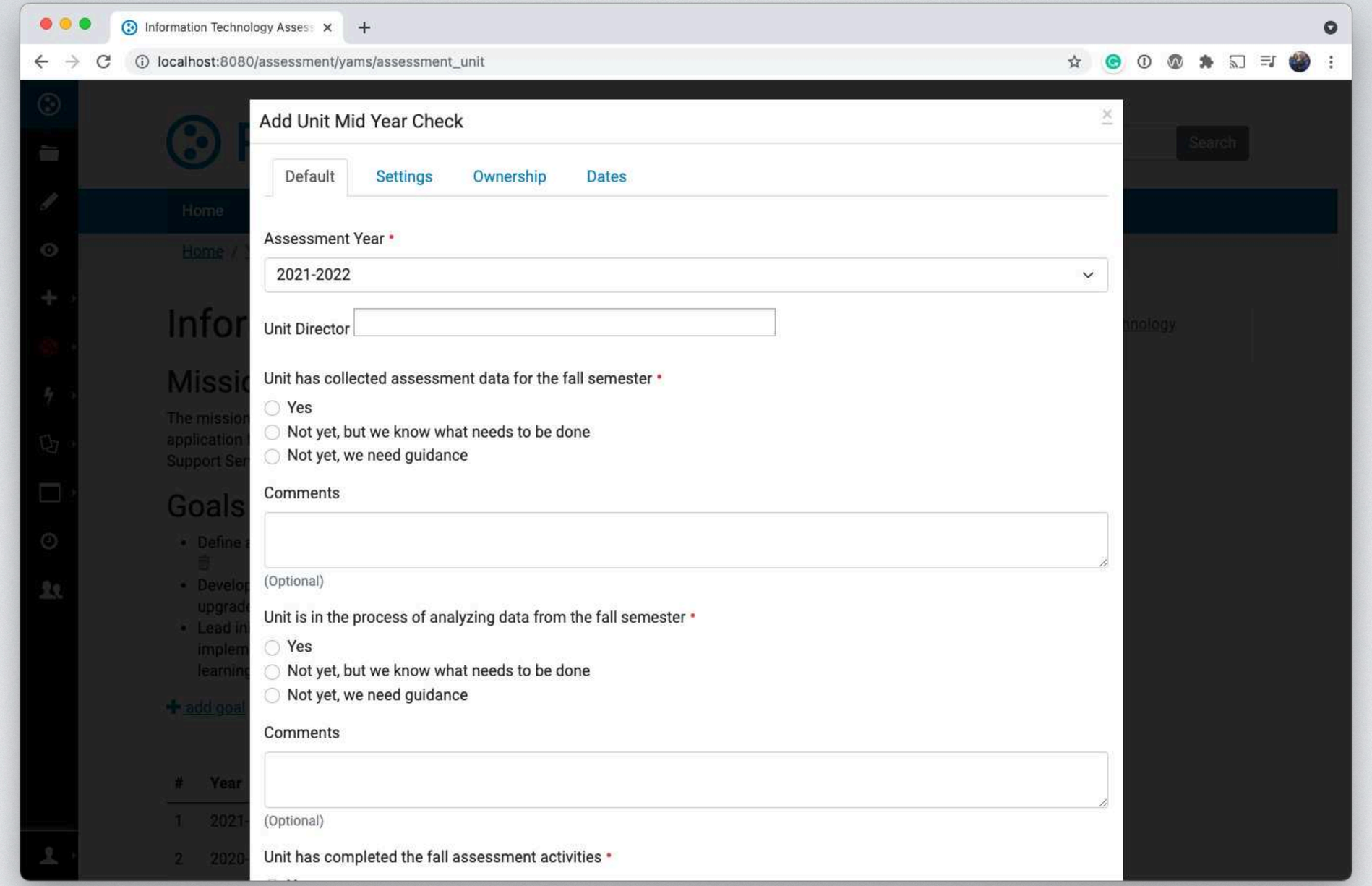
Mid-Year Check

Content types

- Unit Mid Year Check

View

- Mid Year Check view


Information Technology Asses
localhost:8080/assessment/yams/assessment_unit
Search
Home
Add Unit Mid Year Check
Default
Settings
Ownership
Dates
Assessment Year *
2021-2022
Unit Director
Unit has collected assessment data for the fall semester *
Yes
Not yet, but we know what needs to be done
Not yet, we need guidance
Comments
(Optional)
Unit is in the process of analyzing data from the fall semester *
Yes
Not yet, but we know what needs to be done
Not yet, we need guidance
Comments
(Optional)
Unit has completed the fall assessment activities *

PHASE 5

Assessment Report

Content types

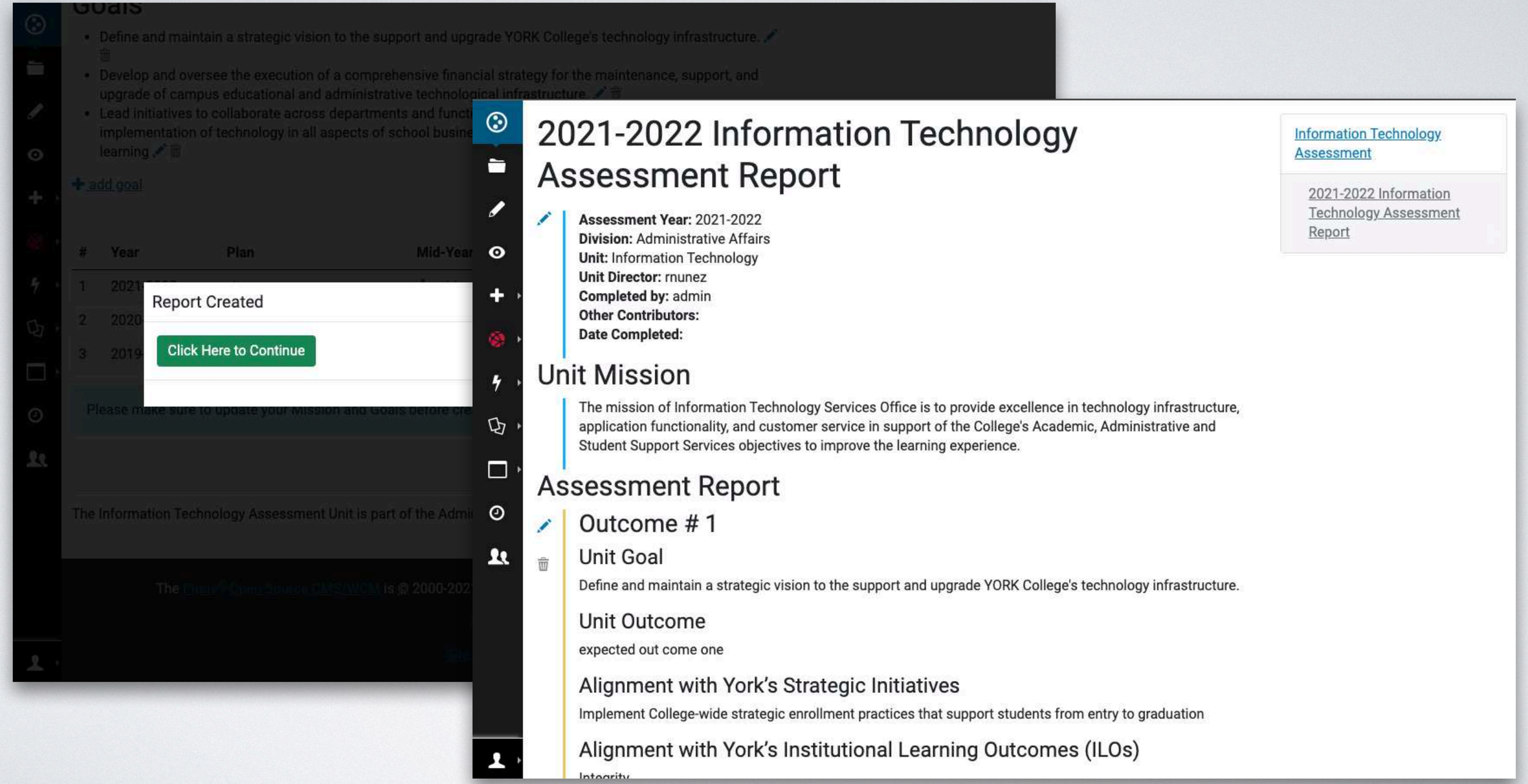
- Unit Assessment Report (container)
- reported activity
- reported activity new
- reported data analysis
- reported other activity
- reported changes implemented
- reported attachment
- planned data analysis

Workflow

- Coordinator
- Dept Head
- VP

View

- report view
- generate report


Goals
Define and maintain a strategic vision to the support and upgrade YORK College's technology infrastructure.
Develop and oversee the execution of a comprehensive financial strategy for the maintenance, support, and upgrade of campus educational and administrative technological infrastructure.
Lead initiatives to collaborate across departments and funct
implementation of technology in all aspects of school busine
learning
add goal
Year Plan Mid-Year
1 2021
2 2020
3 2019
Report Created
Click Here to Continue
Please make sure to update your Mission and Goals before cre
The Information Technology Assessment Unit is part of the Admi
2021-2022 Information Technology Assessment Report
Assessment Year: 2021-2022
Division: Administrative Affairs
Unit: Information Technology
Unit Director: rnunez
Completed by: admin
Other Contributors:
Date Completed:
Unit Mission
The mission of Information Technology Services Office is to provide excellence in technology infrastructure, application functionality, and customer service in support of the College's Academic, Administrative and Student Support Services objectives to improve the learning experience.
Assessment Report
Outcome # 1
Unit Goal
Define and maintain a strategic vision to the support and upgrade YORK College's technology infrastructure.
Unit Outcome
expected out come one
Alignment with York's Strategic Initiatives
Implement College-wide strategic enrollment practices that support students from entry to graduation
Alignment with York's Institutional Learning Outcomes (ILOs)
Integrity
Information Technology Assessment
2021-2022 Information Technology Assessment Report

PHASE 6

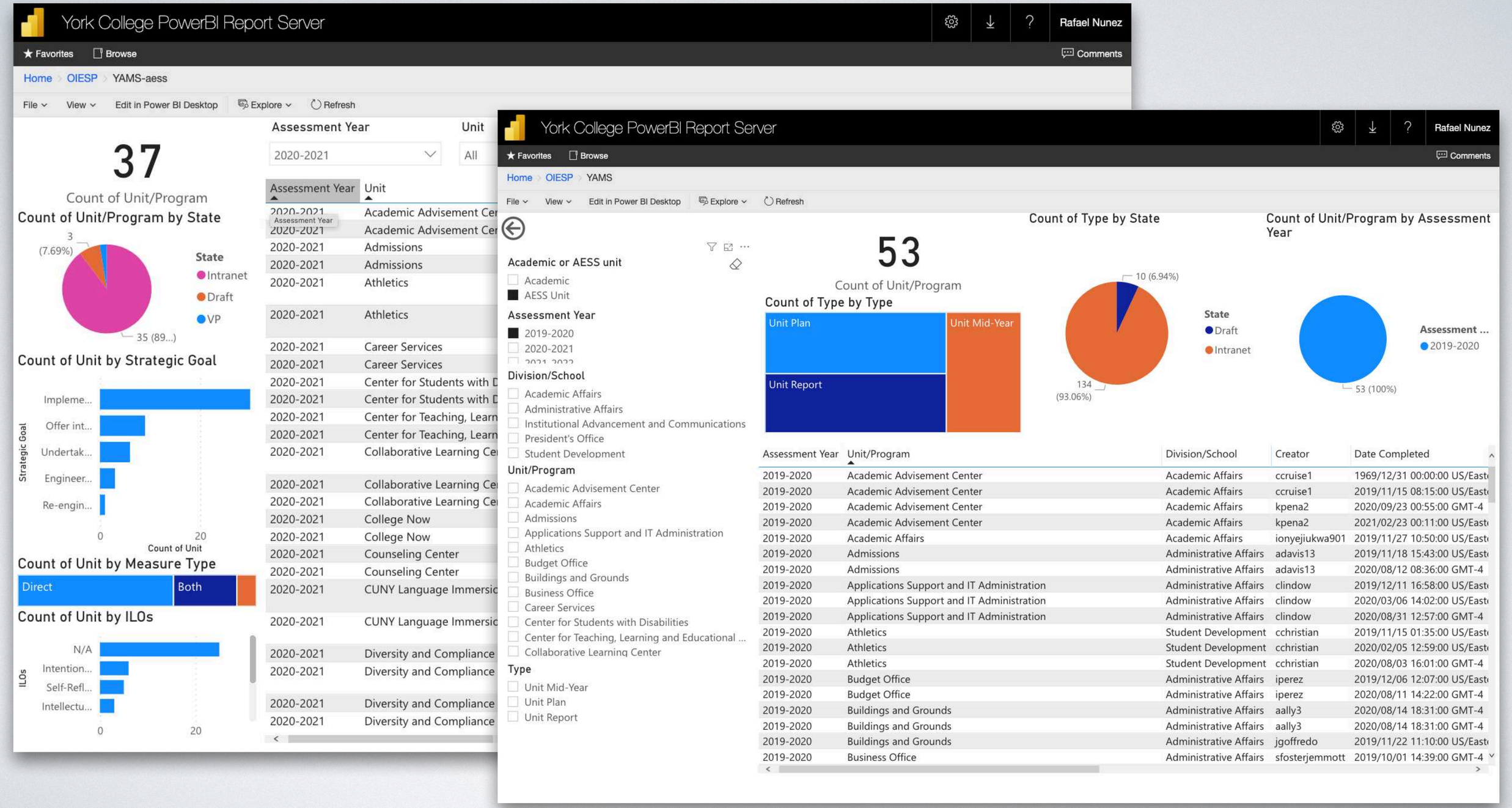
IR Reports

endpoint

- bi_program_mid_view.py
- bi_program_plan_activities_view.py
- bi_program_plan_view.py
- bi_program_report_activities_view.py
- bi_program_report_view.py
- bi_program_reported_changes_view.py
- bi_unit_mid_view.py
- bi_unit_plan_activities_view.py
- bi_unit_plan_view.py
- bi_unit_report_activities_view.py
- bi_unit_report_view.py

PowerBI

- report


York College PowerBI Report Server
Rafael Nunez
Favorites
Browse
Comments
Home
OIESP
YAMS-aess
File
View
Edit in Power BI Desktop
Explore
Refresh
37
Count of Unit/Program
Count of Unit/Program by State
3
(7.69%)
35 (89...)
State
Intranet
Draft
VP
Count of Unit by Strategic Goal
Strategic Goal
Impleme...
Offer int...
Undertak...
Engineer...
Re-engin...
0
20
Count of Unit
Count of Unit by Measure Type
Direct
Both
Count of Unit by ILOs
ILOs
N/A
Intention...
Self-Refl...
Intellectu...
Assessment Year
2020-2021
Unit
All
Assessment Year
Unit
2020-2021 Academic Advisement Cer
2020-2021 Academic Advisement Cer
2020-2021 Admissions
2020-2021 Admissions
2020-2021 Athletics
2020-2021 Athletics
2020-2021 Career Services
2020-2021 Career Services
2020-2021 Center for Students with D
2020-2021 Center for Students with D
2020-2021 Center for Teaching, Learn
2020-2021 Center for Teaching, Learn
2020-2021 Collaborative Learning Cer
2020-2021 Collaborative Learning Cer
2020-2021 Collaborative Learning Cer
2020-2021 College Now
2020-2021 College Now
2020-2021 Counseling Center
2020-2021 Counseling Center
2020-2021 CUNY Language Immersic
2020-2021 CUNY Language Immersic
2020-2021 Diversity and Compliance
2020-2021 Diversity and Compliance
2020-2021 Diversity and Compliance
2020-2021 Diversity and Compliance
York College PowerBI Report Server
Rafael Nunez
Favorites
Browse
Comments
Home
OIESP
YAMS
File
View
Edit in Power BI Desktop
Explore
Refresh
Academic or AESS unit
Academic
AESS Unit
Assessment Year
2019-2020
2020-2021
Division/School
Academic Affairs
Administrative Affairs
Institutional Advancement and Communications
President's Office
Student Development
Unit/Program
Academic Advisement Center
Academic Affairs
Admissions
Applications Support and IT Administration
Athletics
Budget Office
Buildings and Grounds
Business Office
Career Services
Center for Students with Disabilities
Center for Teaching, Learning and Educational ...
Collaborative Learning Center
Type
Unit Mid-Year
Unit Plan
Unit Report
53
Count of Unit/Program
Count of Type by Type
Unit Plan
Unit Mid-Year
Unit Report
Count of Type by State
10 (6.94%)
134
(93.06%)
State
Draft
Intranet
Count of Unit/Program by Assessment Year
Assessment ...
2019-2020
53 (100%)
Assessment Year
Unit/Program
Division/School
Creator
Date Completed
2019-2020 Academic Advisement Center Academic Affairs ccruise1 1969/12/31 00:00:00 US/East
2019-2020 Academic Advisement Center Academic Affairs ccruise1 2019/11/15 08:15:00 US/East
2019-2020 Academic Advisement Center Academic Affairs kpena2 2020/09/23 00:55:00 GMT-4
2019-2020 Academic Advisement Center Academic Affairs kpena2 2021/02/23 00:11:00 US/East
2019-2020 Academic Affairs Academic Affairs ionyejiukwa901 2019/11/27 10:50:00 US/East
2019-2020 Admissions Administrative Affairs adavis13 2019/11/18 15:43:00 US/East
2019-2020 Admissions Administrative Affairs adavis13 2020/08/12 08:36:00 GMT-4
2019-2020 Applications Support and IT Administration Administrative Affairs clindow 2019/12/11 16:58:00 US/East
2019-2020 Applications Support and IT Administration Administrative Affairs clindow 2020/03/06 14:02:00 US/East
2019-2020 Applications Support and IT Administration Administrative Affairs clindow 2020/08/31 12:57:00 GMT-4
2019-2020 Athletics Student Development cchristian 2019/11/15 01:35:00 US/East
2019-2020 Athletics Student Development cchristian 2020/02/05 12:59:00 US/East
2019-2020 Athletics Student Development cchristian 2020/08/03 16:01:00 GMT-4
2019-2020 Budget Office Administrative Affairs iperez 2019/12/06 12:07:00 US/East
2019-2020 Budget Office Administrative Affairs iperez 2020/08/11 14:22:00 GMT-4
2019-2020 Buildings and Grounds Administrative Affairs aally3 2020/08/14 18:31:00 GMT-4
2019-2020 Buildings and Grounds Administrative Affairs aally3 2020/08/14 18:31:00 GMT-4
2019-2020 Buildings and Grounds Administrative Affairs jgoffredo 2019/11/22 11:10:00 US/East
2019-2020 Business Office Administrative Affairs sfosterjemmott 2019/10/01 14:39:00 GMT-4

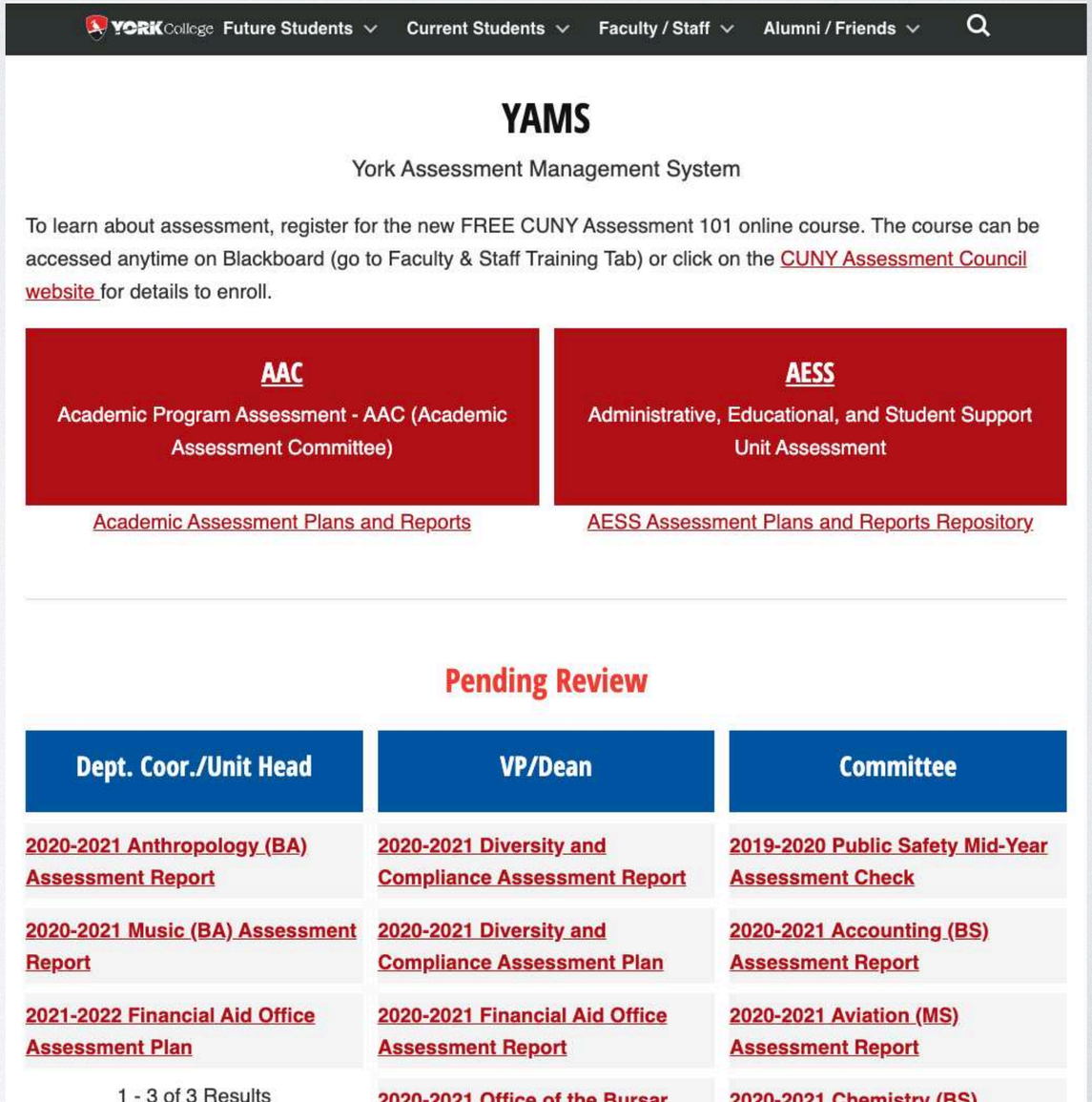
RULES AND MOSAIC

Rules - Workflow state changed

- YAMS notify Dept Head or Coordinator
- YAMS notify Committee
- YAMS notify VP
- YAMS notify Send Back

Mosaic

- YAMS landing page
- Non Academic Listing
- Academic Listing



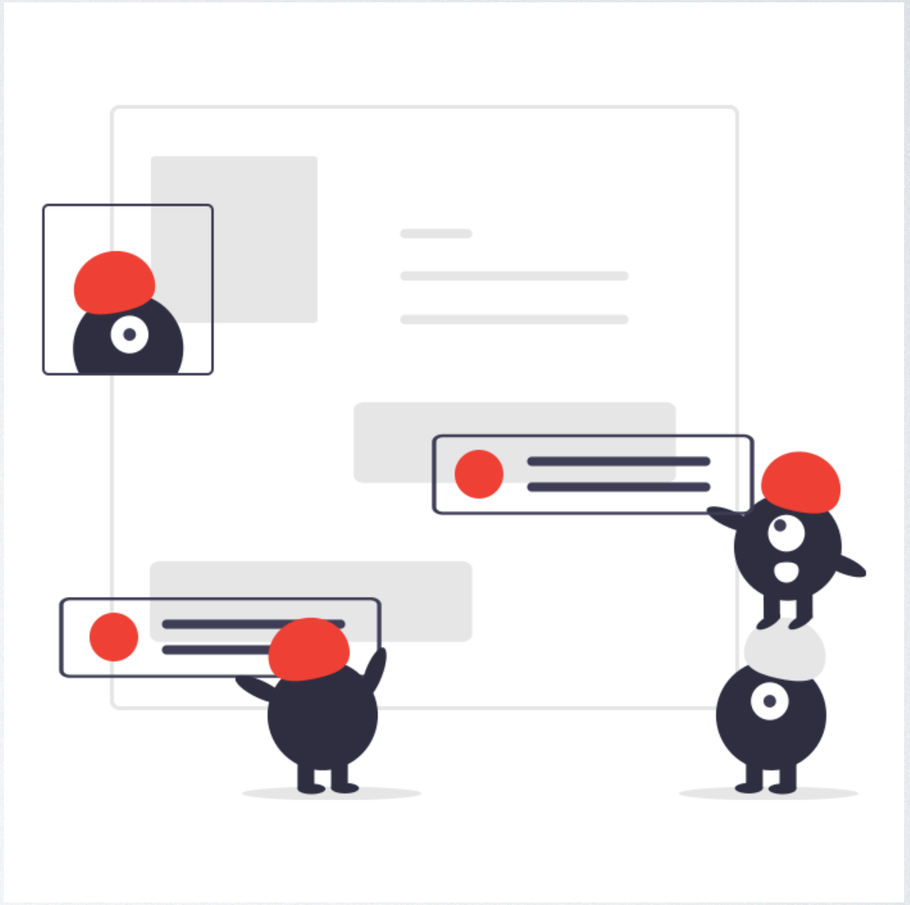
YC.Assessment

- Dexterity types (25)
- Views/scripts (22)
- Vocabularies (11)
- Workflows (4)
- New Role (3)
- PowerBI Report (1)

MISCELLANEOUS

UX

- Year Vocabulary Filtering
- Table-less outcomes

Future Fixes/Updates

- Committee Review
- Role assignment bug
- Effective date bug