Assessment Template

Assessment of Scrum Agile methodology implementation

Opt Out of External Report:
Yes

Name(s) of Person(s) Responsible for Assessment Project:

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Other Contacts:

Providing Department:
Student Affairs Technology

Other Units/Departments Involved in Assessment Project:

Program, Service, or Event Related to Assessment Project:
The Application Development unit provides support to create and implement custom software for the Division of Student Affairs to automate and improve business processes.

Assessment Project Description:

SATS complied and annual review of the total number of projects completed to assess the success of implementing Scrum Agile Methodology, a framework intended to increase productivity and efficiently outcomes of technical teams.

Unit/Program Specific Goals and Learning Outcomes:
The goal of the review was to determine if using the Scrum Agile Methodology could double the number of completed projects while also improving the time required to launch those projects.

Relationship to Student Affairs Learning Domains:
Not related to any SALOs

Assessment Project Start:
07/01/2017

Assessment Project End:
06/30/2018

Population/Sample:
The review assessed the performance outcome of 11 staff members across the three teams within the Application Development unit.

Type of Assessment:
Measuring effectiveness relative to professional standards (e.g., CAS standards)
Program/department review

Other Assessment Type(s):

Assessment Methods:
Observation
Document Analysis

Other Assessment Method(s):

Data Collection Tools:
Data was collected from each project’s system release notes.

Data Analysis Methods:
Productivity was a simple count of completed projects. The efficiency of project timelines were assessed though a review by SATS leadership, as it’s a complex judgement based on professional expertise.

How Were the Findings Presented:
Findings were shared directly with each team member.
Progress:

100%

Link Assessment Project in Campus Labs Baseline:

Summary of Findings:

The Application development unit completed twice as many projects as compared to the previous cycle. A total of 13 projects were completed:

- Interpreter Services
- IPortal
- Student Success Plan
- McNair
- Registration Fee Management
- OASIS Modifications to 2Excel
- English in Action
- FAO Summer Session
- FTO
- Holistic Review tool updates
- Transfer Selection Tool Phase 2
- FAS Estimator Application update
- Calling Campaign

Impact of Assessment on Program:

The assessment confirms that the Scrum Agile Methodology has significantly improved overall productivity of the Application Development unit and validates its continued use for increasing productivity. Additionally, the assessment surfaced the potential benefit of training for team building as a future project.

Lessons Learned About the Assessment Process:

The assessment has highlighted the ways in which assessment can serve multiple purposes. For example, the data collected about project timelines can now be repurposed as a baseline when estimating the required resources for future projects.

Supplemental Information: