

## APPSTORE WITH MOBILE APP ACCELERATOR FOR AGILEPOINT

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### ABSTRACT

With AgilePoint NX, you can build business applications (workflows) that connect via SharePoint, Office 365, OneDrive, Yammer, Lync / Skype, and Dynamics CRM. AgilePoint NX apps run seamlessly on all versions of SharePoint, including SharePoint Online, and enable interaction with Salesforce, SAP, Oracle, and many other line-of-business applications beyond Microsoft products.

AgilePoint NX is a platform with that can build any number of applications, but many companies are interested in building apps and solutions that meet their needs. Not very enthusiastic about the platform. In this scenario, AgilePoint NX started building applications in various categories such as finance, talent, and ITMS. Not only can AgilePoint build applications, but many of Agile Point's partners who are willing to provide end-user solutions can also build apps.

AgilePoint Mobile App Accelerator is a web application which is built on HTML5 and Java Script. This application helps the user to customize the generic mobile dashboard by allowing them to filter down the list of app which are available and app package is downloadable so that user can upload to their store with their own certificate and upload it to store or store it a private space for internal access only.

### I. INTRODUCTION

AgilePoint NX Market place is a standalone web application which has been hosted in an amazon cloud environment. Market place project would be developed in 3 phases and each phase would be focused on building 3 different flows. End user flow, Partner flow and Admin or App approver flow.

->End User Flow: This flow would be focus on the how the app in the Market place can be added into the AgilePoint NX platform of end users. Initial apps would be free of cost; end user can must be able Add App but click of a button.

->Partner Flow: AgilePoint NX partner also can build App which can be submitted in Market place for approval from the AgilePoint Admin team members.

Partner must have a login details for the Market place and through those details partner can login to the application to submit the app or update the existing app for approval.

->Admin Flow: Once partner uploads the app through partner login, AgilePoint market place admins would login to the Market place and look for any app for approval. If any apps are pending from approval, it would start the approval process during which It would go across series of approval steps and undergo multiple testing scenarios to make sure app does not violate AgilePoint NX application policy.

AgilePoint NX Mobile App Accelerator Service is a fully managed Application platform as a service (aPaaS), offering for professional developers. The service brings a rich set of capabilities to mobile, and integration scenarios. AgilePoint Mobile App accelerator project involves building of multiple applications in different technology.

**Web Application:** A Web-based user interface which is required for the user to provide all the customization related options and which would generate a manifest.xml.

**Restful Service:** Mobile App accelerator is built on Service Oriented Architecture and it is exposed all its method as REST service so that client environment can access it through HTTP protocol.

**Window Service:** Windows Service would be built on .Net framework using c# as the coding language. This service would be a monitoring service which would continuously monitor for custom build request from the

user and if any new request comes it would process it and prepare a custom build based on the manifest.xml generated from the UI and uploads back the package for downloading.

## II. METHODOLOGY

### Agile Methodology:

Agile Software Development is a set of software development concepts that enable cross functional, conscience cooperation across the businesses to generate needs and solutions. It enables a quick and adaptable reaction to change by facilitating adaptability planning, developmental growth, early implementation, and continual improvement. Although the term "agile" has never established a particular method to do this, many people have grown up using it.

The Agile Artifact, often referred to as the Agile Software Development Manifest, was initially published in 2001 following the early adoption of Agile technologies in the late 1980s and early 1990s. The DSDM Collaboration produced the declaration in 1994, although its antecedent works by James Martin, James Kerr, and others were created at DuPont in the middle of the 1980s.

## III. MODELING AND ANALYSIS

The crucial undertaking is advanced with an absolutely detailed strategy for the activity and a few assertions after the viability of the undertaking has been evaluated at each level. The pre - feasibility evaluation of the suggested structure must be completed during testing of the system There are three key consideration drew in with the feasibility examination are,

### ECONOMIC FEASIBILITY

This research is being completed to decide the framework's effect on the association. The Measure of cash the company needs to put the resources into the framework's innovative Work is restricted. It is important to legitimize the spending. Therefore, the created Framework came in under financial plan.

### TECHNICAL FEASIBILITY

There will be a great deal of interest on the accessible specialized assets. Thus, the Customer will be exposed to serious request. A basic prerequisite should be remembered for the development framework. Since exceptionally minor or progressions are important to carry out of the framework, the planned framework should have a necessity.

### SOCIAL FEASIBILITY

To determine the client's level of framework acceptance is the purpose of the assessment. This outlines the process for demonstrating to the customer how to use the technology effectively. The client should accept the framework as a need rather than dread it. The objective must be there to reinforce his confidence.

## IV. RESULTS AND DISCUSSION

### Custom Template:

**AGILEPOINT**  
The power of smart process

**Asset Purchase**  
AgilePoint Inc.

Overview Review

An application that finalizes an asset purchase agreement (APA). An APA is an agreement between a buyer and a seller that finalizes terms and conditions related to the purchase and sale of one or more company assets.

This app provides a form to enter the details for the asset purchase. The request is then routed for escalating approvals from the manager, the department head, and the finance head. Once the process is complete, the app sends a view of the completed form to the person who initiated the purchase request.

End User License Agreement  
Support Link  
Privacy Link  
Video Link  
Report this app

**ProductType**  
App

**Provider**  
AgilePoint Inc.

**Version**  
1

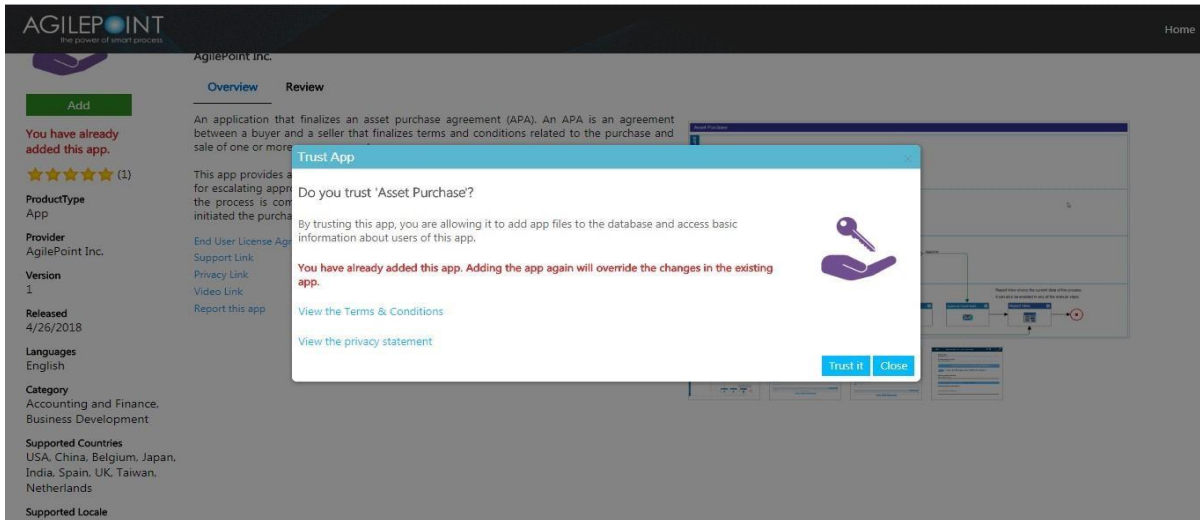
**Released**  
4/26/2018

**Languages**  
English

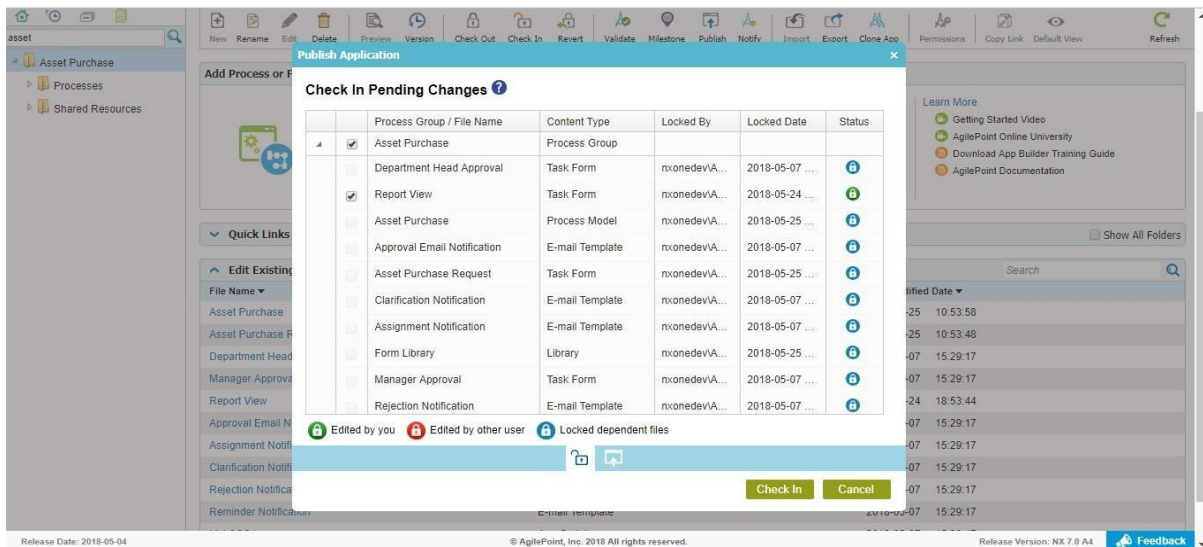
**Category**  
Accounting and Finance,  
Business Development

**Supported Countries**  
USA, China, Belgium, Japan.

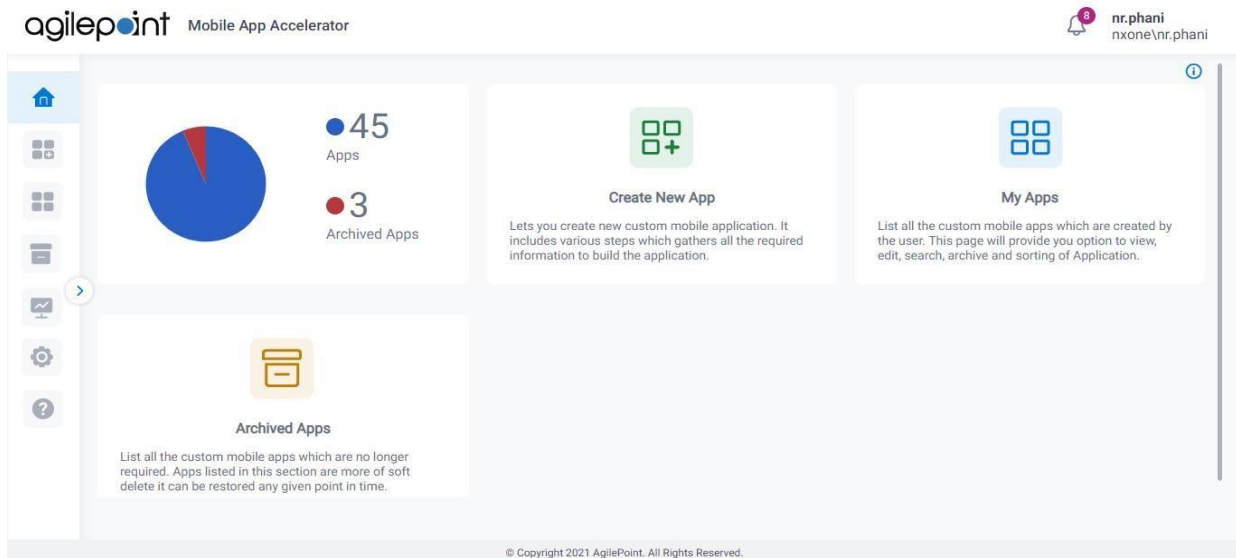
**Add APP:**



**Publish App:**



**Mobile App Accelerator Dashboard:**



**Successful Build App**

The screenshot shows the AgilePoint Mobile App Accelerator interface. At the top, it says 'agilepoint Mobile App Accelerator' and 'nr.phani nxone@nr.phani'. Below is a 'Successful Builds' section with a search bar and a 'Clear List' button. It displays summary statistics: 18 Total Apps Built, 17 Android Apps Built, and 1 iOS Apps Built. A table lists the following data:

APP NAME	CREATED	VERSION	LAST MODIFIED	PLATFORMS
21212	9/4/2019, 4:47:13 PM	1	9/4/2019, 6:28:27 PM	Android
test1	1/17/2019, 7:29:22 PM	2	9/16/2019, 3:03:29 PM	Android
Test App2	9/9/2019, 6:39:10 PM	1	9/16/2019, 3:51:08 PM	Android
Test App	9/9/2019, 6:32:00 PM	1	9/9/2019, 6:39:10 PM	Android
Test App	3/1/2019, 4:59:58 PM	2	9/9/2019, 6:32:00 PM	Android
sdvfgs	7/2/2019, 6:15:29 PM	1	9/16/2019, 3:06:49 PM	Android
test12345	9/12/2019, 7:18:28 PM	1	10/15/2019, 4:25:01 PM	Android

At the bottom of the table, it shows '1 - 10 of 18 Items' and a pagination control with '10' items per page. A copyright notice at the bottom reads: '© Copyright 2021 AgilePoint. All Rights Reserved.'

**V. CONCLUSION**

We have enjoyed contributing to this fascinating and difficult endeavor. This project served us well since it gave us hands-on experience with not only online application development in ASP.NET and C#.NET, HTML, JQuery, CSS, and SQL Query, but rather with all handling procedures associated with the "Market Place (App Store) for AgilePoint NX." And Mobile App Accelerator is user-friendly where end users will not find any difficulties in using as it provides a proper and complete responsive environment and its unique architecture made it possible to interact easily with the powerful applications in mobile devices. This Project is developed with much care that is error free and at the same time it is efficient because this meets the very basic necessary needs of the users. Additionally, it offers information on client and server technologies, which will be in high value in the future, and the most recent technology used in creating web-enabled applications. This might present improved chances and advice for autonomous project development in the future.

**VI. REFERENCES**

- [1] <http://searchsqlserver.techtarget.com/definition/database>
- [2] <http://www.tutorialspoint.com/sql/sql-alter-command.htm>
- [3] <http://www.oracle.com/us/products/mysql/overview/index.html>
- [4] <https://www.microsoft.com/net>
- [5] <http://www.w3schools.com/aspnet/>
- [6] [https://msdn.microsoft.com/en-us/library/ff361664\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/ff361664(v=vs.110).aspx)
- [7] [https://msdn.microsoft.com/en-us/library/zw4w595w\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/zw4w595w(v=vs.110).aspx)
- [8] <https://www.agilepoint.com/>