MICHIGAN STATE UNIVERSITY Project Plan ITPro Company Portal The Capstone Experience

Team Microsoft

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From Students... ...to Professionals

Functional Specifications

- Today, ITPro administrators need to use a complex web portal to manage employee devices
- There is already an Intune mobile app, but it only handles personal-level tasks for a user
 - Currently, the app view for the administrators and general employees is entirely the same
- Our ITPro-centric app will provide administrators the flexibility to enroll devices, run security audits, and troubleshoot issues while away from their desk and sitting on a beach

The Capstone Experience

Design Specifications

- Simple and easy navigation
- Functionalities available on the app
 - Home
 - Users
 - Devices
 - Groups
 - Help & Support
 - Troubleshoot
- Available in Apple App Store, Google Play Store, and Microsoft Store

Screen Mockup: Home- iOS

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Status			
Device compliance status			Hello,
STATUS DEVICES		1.1.2	
Compliant 4			
In grace period 0			Manage
Not evaluated 0 Not compliant 0			
Total 4		1.19	Users
		11.0	
		1 2.10	Groups
Quick starts	×	1	Groups
Find a user Find a device		11000	
Add an app Create a group			On-premisi
			Access
Home Manage Help and s		1122	Home M

∦ 58 % ∎⊃

Client Apps

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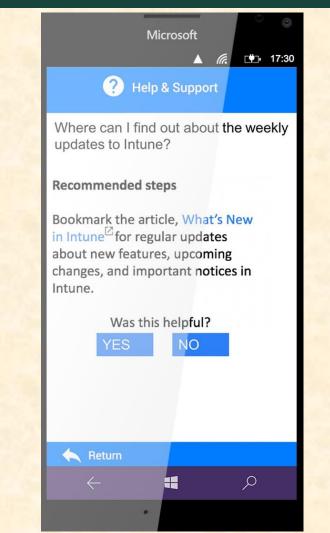
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Screen Mockup: Help & Support- UWP

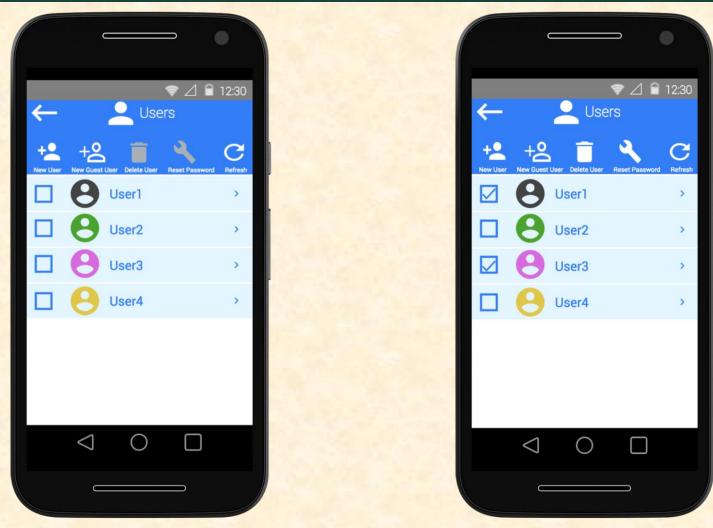
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▲ 🖟 🖆 17:3
? Help & Support
Common Problems
Where can I find out about the weekly updates to Intune?
Is there a list of Intune Issues?
Where can I find documentation about how Intune works?
Where can I get tips and tricks from the Intune Support Team?
Where can I troubleshoot issues with Intune?
Where can I suggest new features or a design change request (DCR)?
How can I stay informed from the Intune community?
Where can I get official announcements about new and changed features?
Where can I monitor the health of the Intune Service?
My problem is not listed here.
Return
•

The Capstone Experience



Team Microsoft Project Plan Presentation

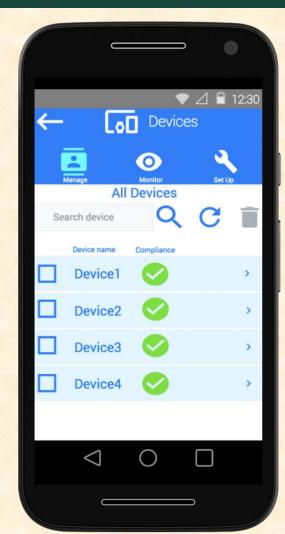
Screen Mockup: Users- Android



Screen Mockup: Devices- Android



The Capstone Experience

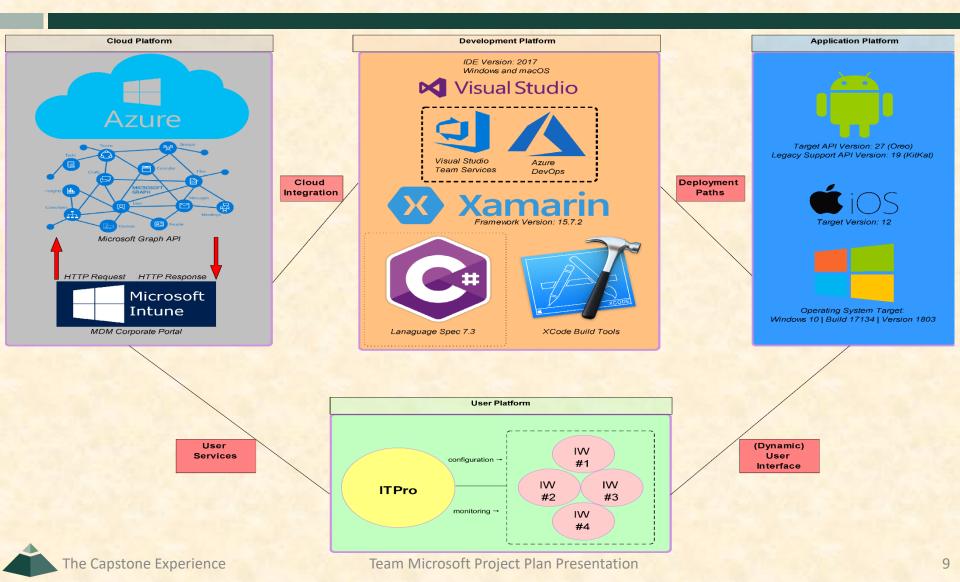


Team Microsoft Project Plan Presentation

Technical Specifications

- Microsoft Azure Cloud
 - Ind largest cloud platform across the whole internet
- Microsoft Graph API
 - Unified API to access all of Microsoft's cloud services
- Microsoft Intune Portal
 - Our mobile application will use the Graph API to load/save settings within the Intune web portal

System Architecture



System Components

- Deployment Platforms
 - Google's Android OS
 - Apple's iOS
 - Microsoft's Universal Windows Platform
- Development Technologies
 - C# Language / Xamarin Framework
 - Visual Studio IDE / VSTS VC
 - XCode Build Tools

Risks

Microsoft Graph API [Hard]

- Integrating the complex API with our system
- Work with client, review example code and documentation
- Intune Portal and Business Domain [Medium]
 - There are a lot of advanced features in the Intune/Azure portal
 - Focus on use-cases and develop functionality from bottom-to-top
- Mobile App Design [Medium]
 - Limited resources for designing iOS apps in Xamarin
 - Get some assistance from our clients, review the information that is out there
- Programming in C# [Low]
 - First time programming in C#
 - Watch tutorial videos and read books for reference

Questions?

