Project Plan
ITPro Company Portal
The Capstone Experience
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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.
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
Screen Mockup: Help & Support - UWP

- 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.

Recommended steps
- Bookmark the article, What's New in Intune for regular updates about new features, upcoming changes, and important notices in Intune.

Was this helpful?
- YES
- NO
Screen Mockup: Users- Android
Screen Mockup: Devices - Android
Technical Specifications

• Microsoft Azure Cloud
  ▪ 2nd 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

Cloud Platform
- Azure
- Microsoft Intune
- Cloud Integration
- HTTP Request
- HTTP Response
- MDM Corporate Portal

Development Platform
- IDE Version: 2017
- Windows and macOS
- Visual Studio
- Xamarin
- Language Spec 7.3
- XCode Build Tools
- Deployment Paths

Application Platform
- Target API Version: 27 (Oreo)
- Legacy Support API Version: 19 (KitKat)
- iOS Target Version: 12
- Operating System Target: Windows 10 | Build 17134 | Version 1803

User Platform
- ITPro
- Configuration
- Monitoring
- IW #1
- IW #2
- IW #3
- IW #4

(The Dynamic) User Interface
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?