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

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

msucse.onmicrosoft.com
Microsoft Intune
North America 0501
Active
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 Graph API
- 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

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

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

Deployment Paths
- Cloud Integration
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?