From Students…
…to Professionals

Beta Presentation
SmartSat™ Satellite App Store
The Capstone Experience
Team Lockheed Martin Space

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Fall 2021
Project Overview

• Users can upload new SmartSat applications to the App Store
• The AppStore builds the new application against specified SDKs
• The built applications are tested on specified target hardware
• Test results can be seen from the test results page on the App Store
System Architecture
Application Upload Form
Testbed Class Upload
What’s left to do?

• Features
  ▪ Support for VxWorks hardware testing
  ▪ Ability to select custom PyPi Server

• Stretch Goals
  ▪ RESTful API that supports App Store Automation
  ▪ Site Backup and Site Mirroring
  ▪ Patch outstanding App Store bugs
Questions?