# MICHIGAN STATE UNIVERSITY

# Alpha Presentation SmartSat™ Satellite App Store

#### The Capstone Experience

Team Lockheed Martin Space

Client: Josh Davidson, Senior Software Engineer

Brian Fuessel
Daniel Webb
Peng Sun
Sailesh Gundepudi
Tony Miller

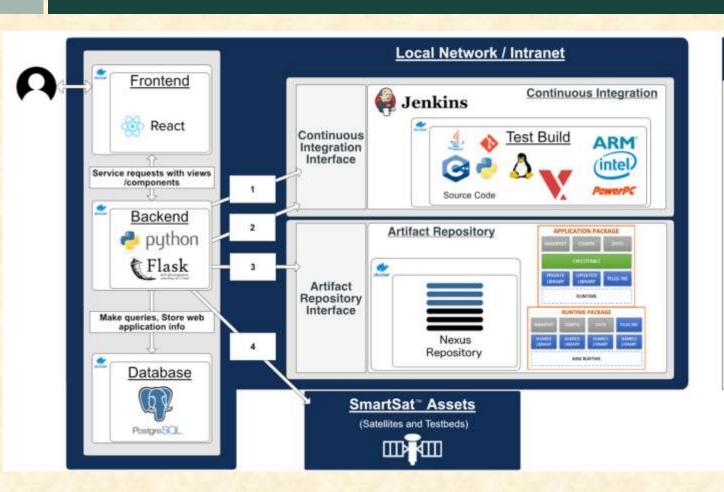


Department of Computer Science and Engineering
Michigan State University
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#### **Project Overview**

- Lockheed Martin SmartSat™ applications expand the capabilities of satellites
- Clients and developers require a way to manage and browse existing applications
- SmartSat<sup>™</sup> App Store acts as the central access point for satellite applications
- Users can upload and download applications with ease

#### System Architecture



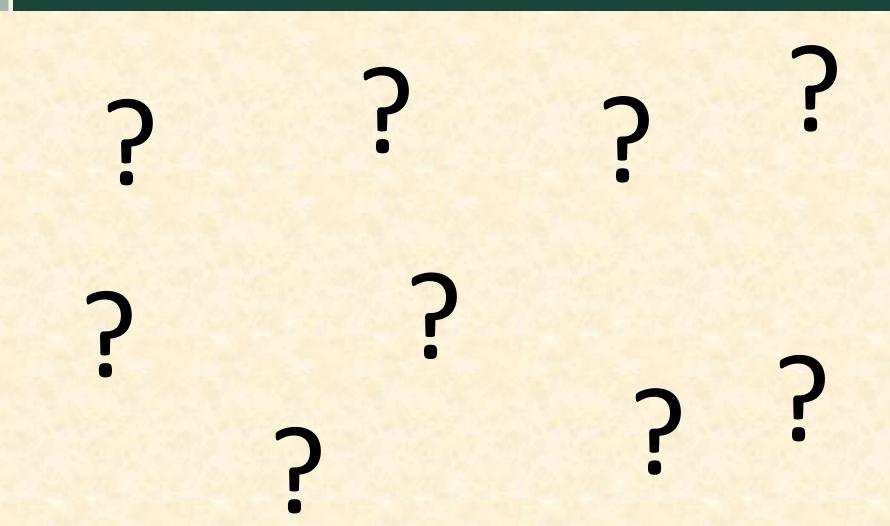


#### What's left to do?

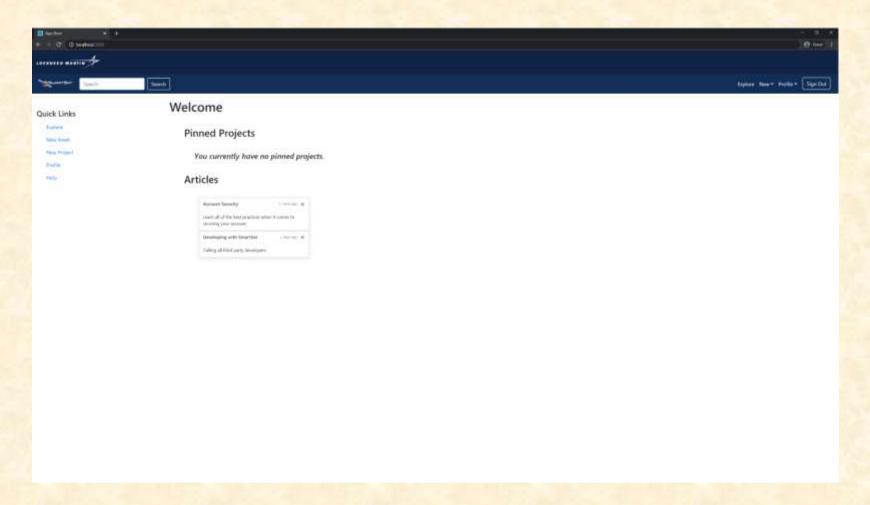
- Cross Platform Support
  - Git Repository (Project Uploads)
  - VxWorks, Embedded Linux (Compatibility Testing)
- Hardware Deployment
- Expanded Features for Managing Assets
- Social and Collaborative Features
- State Management
- User Authentication



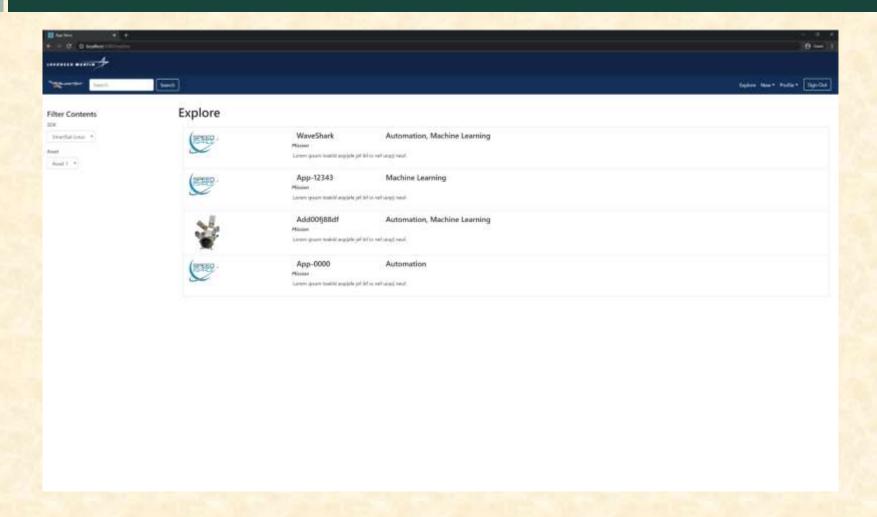
#### Questions?



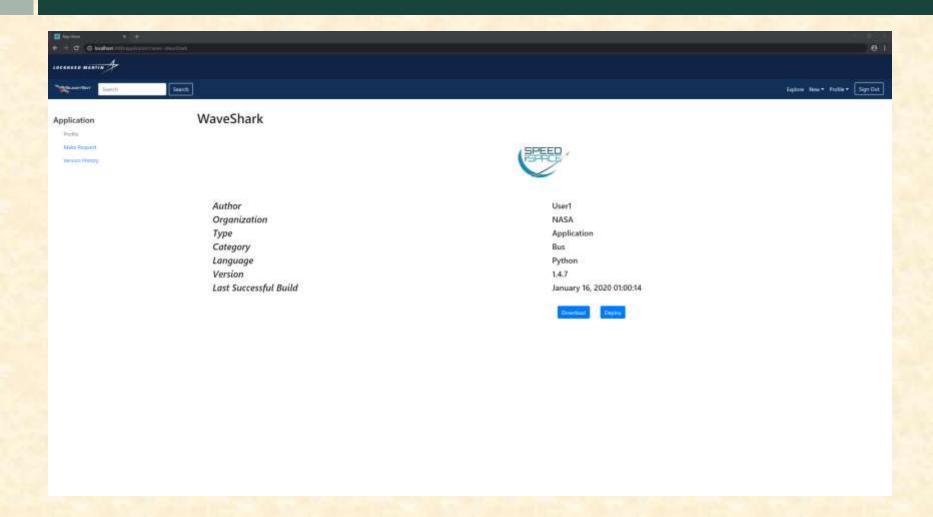
#### SmartSat™ Home Page



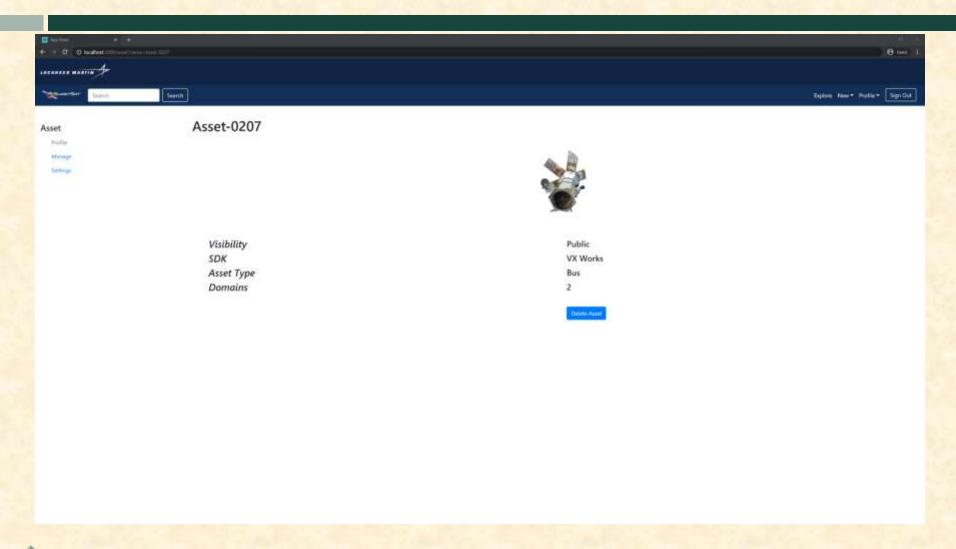
# SmartSat™ Explore Page



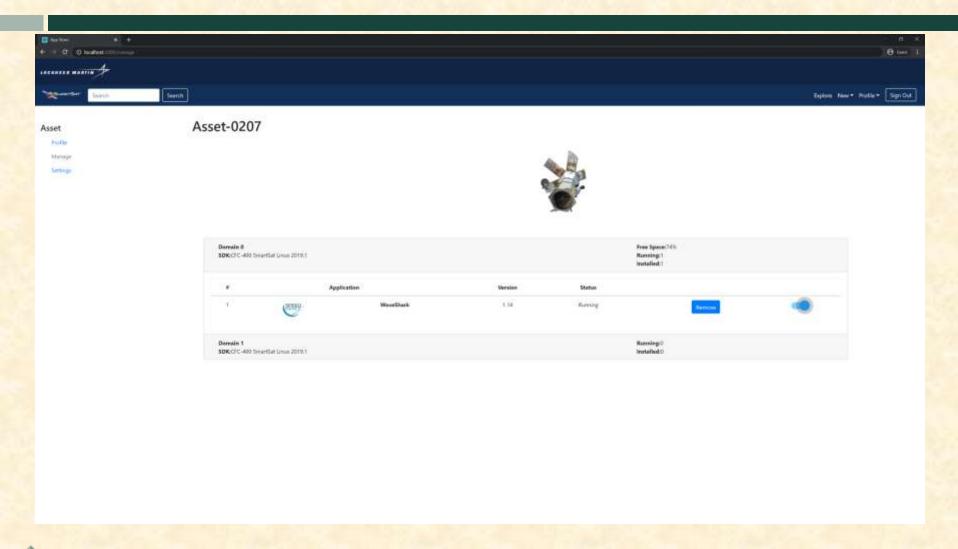
### SmartSat™ App-Profile Page



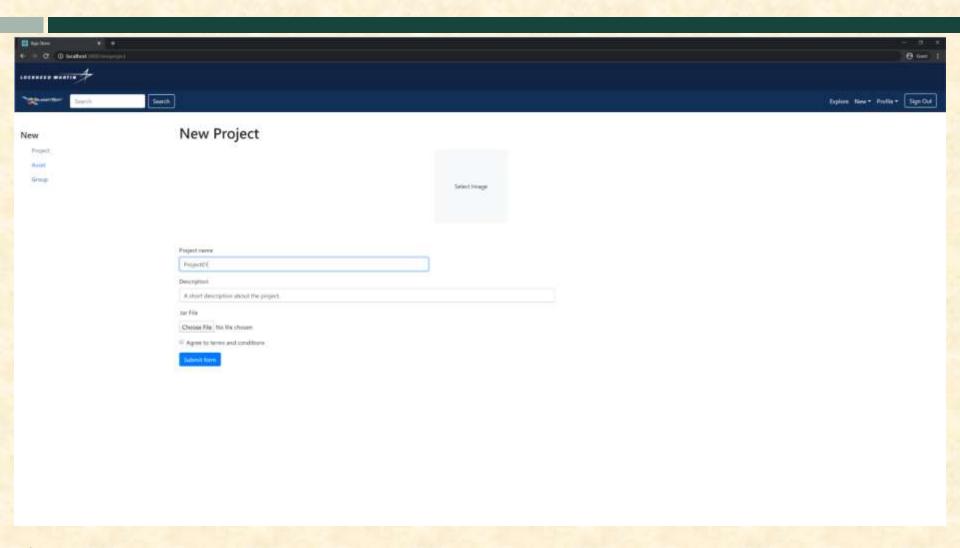
### SmartSat™ Asset Profile Page



### SmartSat™ Asset Manage Page

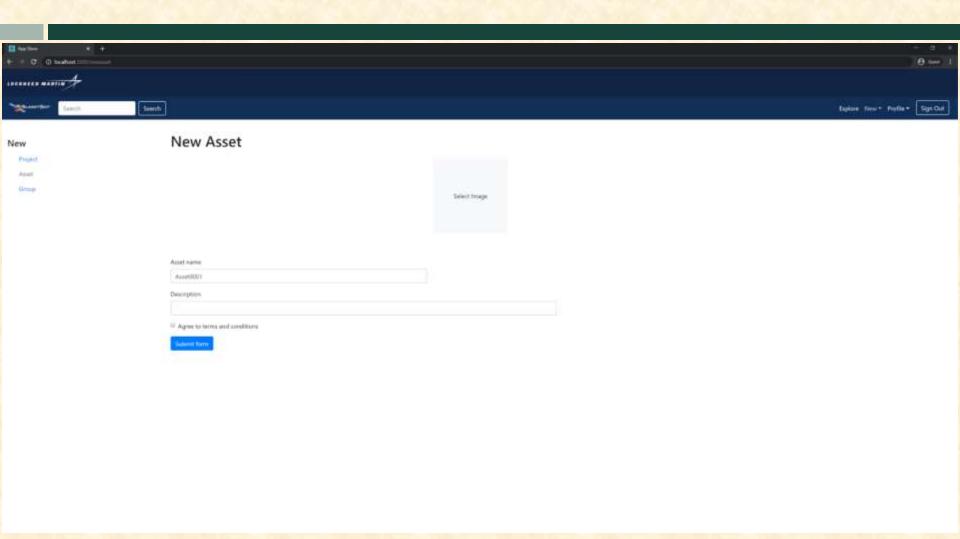


### SmartSat™ New Project Page

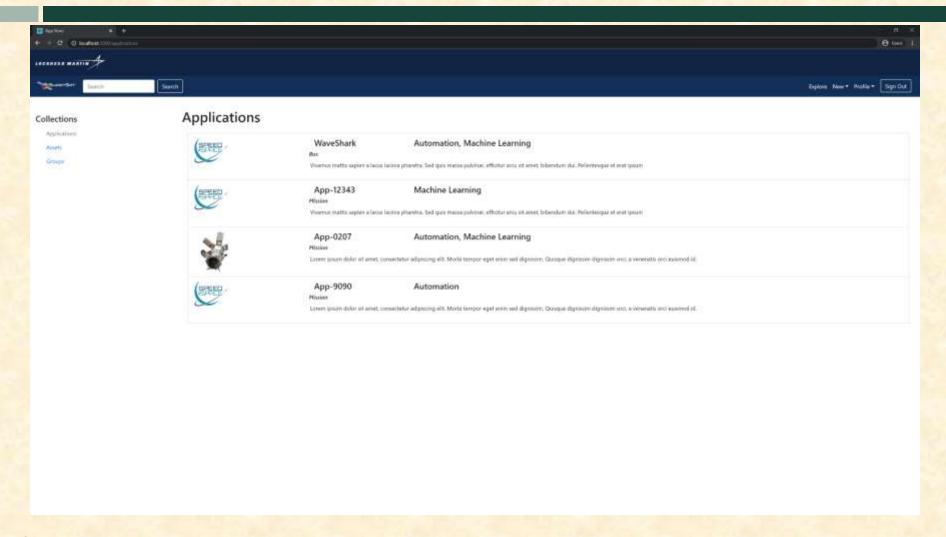




### SmartSat™ New Asset Page



# SmartSat™ Collections - Apps Page



#### SmartSat™ Collections - Assets Page

