

TEAM RV3K

CS CAPSTONE 2017 — ROCKET VIEW 3000

SPONSOR: ANDREW GREENBERG, PORTLAND STATE AEROSPACE SOCIETY

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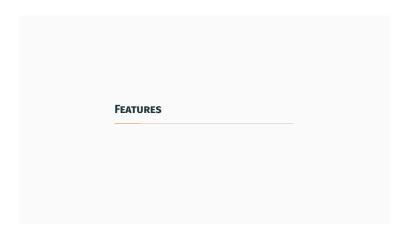
March 21 2017

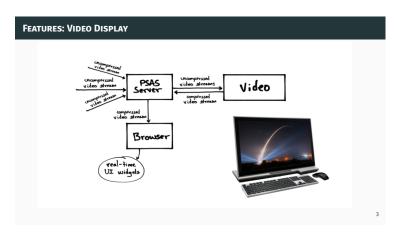
Portland State University Maseeh College of Engineering and Computer Science

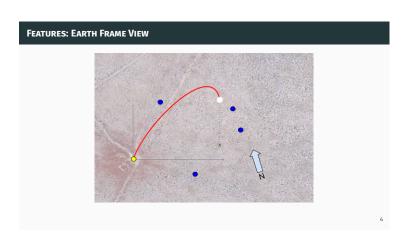
Introduction

- Product
 - · Product Features
 - Assumptions and constraints
- Process, schedule, and deliverables
- Risk analysis: across iterations
- What we learned

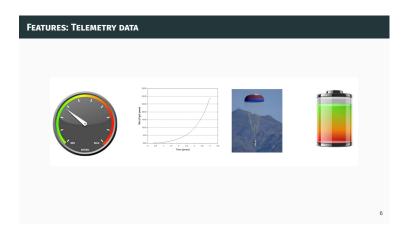
WHAT IS RV3K?

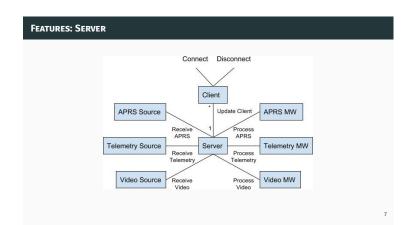












FEATURES: INSTRUMENTATION AND LOGGING

- Purpose
 - · To facilitate debugging traceability, and configuration
- Functionality
 - Logs connection status, errors, and relevent events

ASSUMPTIONS & CONSTRAINTS

PROCESS AND SCHEDULE

| Planned Process | Actual Process | Planned Schedule | Actual Schedule |
|--------------------------|----------------|--------------------|-------------------|
| Project Plan | Same | Weekly | 3 iterations |
| Requirements Elicitation | Same | week o to Feb 18th | March 7 |
| Risk Plan | Same | ongoing | ongoing |
| SRS/License Agreement | Same | Feb 7 - Feb 18 | Feb 7 - March 14 |
| SDD | SDD draft | Feb 18 - March 20 | Feb 21 - March 13 |

Used Trello and GitHub Issues/Milestones/Projects to track tasks

PROCESS AND SCHEDULE: TERM 2

Estimated Capacity

864 hours

+ 216 hours of slack time **Back End** 396 hours Front End 468 hours

(96 hours per person)

With tasks broken down into 1 hour long pieces.

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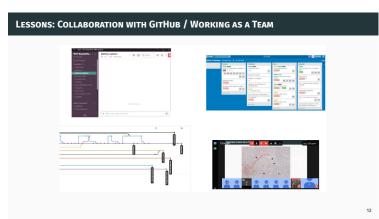
TERM 1 DELIVERABLES

- Project Plan
- Risk Management Plan
- Software Requirements Specification
- · License Agreement
- SDD draft

RISK ANALYSIS

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LESSONS: WORKING WITH SPONSORS



LESSONS: PSAS COMMUNITY



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