RoboData Project

IS-3201 - Group 13
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Agenda

- Introduction
- Purpose
- Model
- Demonstration

https://my.nps.edu/web/fx
Introduction

- JIFX/CRUSER campaigns
  - Collaborative testing environment
  - Multiple vehicles/devices participate
- STOQS @ MBARI
  - (Spatial Temporal Oceanographic Query System)
  - Query-able visual oceanographic database

https://my.nps.edu/web/cruser
Purpose

* This database collects data from multiple sources
  * Key experiment parameters from STOQS
  * JIFX team registrations, including project descriptions
  * (possibly) NRP project summaries and other databases
  * Goals, results and references
* Produce initial template and data schema for an eventual institutional robodata database
  * Show data extraction, usability, functionality
Model and Demo

* Demo time!
Next Steps and Future Development

- Refine the model
  - Additional entities may be needed as more data points are identified
- Implementation and testing
- Buy in from participants and stakeholders
- Advisory Board creation to help guide the project