

# OOR at Northeastern

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OOR Development  
Meeting  
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# OOR Activities

- OOR sandbox
- Use cases and other artifacts
- Gatekeeping and provenance
- Experiences
- Prototype development
- Projects that will use OOR

# OOOR Sandbox

- Installation of OOOR sandbox
- System administration of the sandbox
  - Tejas Parikh
  - Sumit Purohit
- Updates to the sandbox
  - Move to new software versions
  - Move to new machine
- Local OOOR instances

# Software Engineering Artifacts

- Students have produced over 400 use case scenarios
  - Categorization in progress.
  - Specific scenarios will be published with permission
- They also produced over 100 use cases
  - These will be examined next
- Other software engineering artifacts
  - Sequence diagrams
  - Data models
  - Subsystem decompositions

# KEEPER

- OOR gatekeeping and provenance component
- Related standards
  - ISO 11179
  - WS-BPEL
- Projects
  - Course projects (12 teams)
  - Sponsored projects (NIH)
  - Other projects

# Experiences and Prototypes

- One student team is using KEEPER as the basis for their software development.
- Prototype systems are being developed by two teams.
- Sponsored projects will be using at least one of the prototypes in the context of OOR.

# Disease Knowledge Using Biological Taxonomy, and Environmental

- NIH project that will be curating ontologies, metadata and structured data.
- Ontologies
  - Species taxonomies
  - Environment ontology
  - Geolocation ontologies
- Heterogeneous data sources
  - Citation databases
  - Health reports