



Rucio UI

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The short of it



Rucio WEBUI (The present)

Tech Stack

- Flask, js (ported from web.py implementation)

Issue Summary

- <https://github.com/rucio/rucio/labels/WebUI>

Critical Issues

- Session based authentication for cookie management
- Direct dependency on DB for authentication

Deployment

- Via Puppet or Docker
- Manually done by VO-Ops teams.

Rucio UI (The Future)

- **Functionality**

- Move to a complete REST'ful architecture
- Remove dependency from direct database interactions
- Re-investigate Authentication (x509, OIDC, tokens)

- **Upgrade Tech Stack**

- Flask → ReactJS/Redux
- Responsive Web Design (Phones, Tablets, Desktops)
- Deployment via Helm and Flux

- **Re-think functionality**

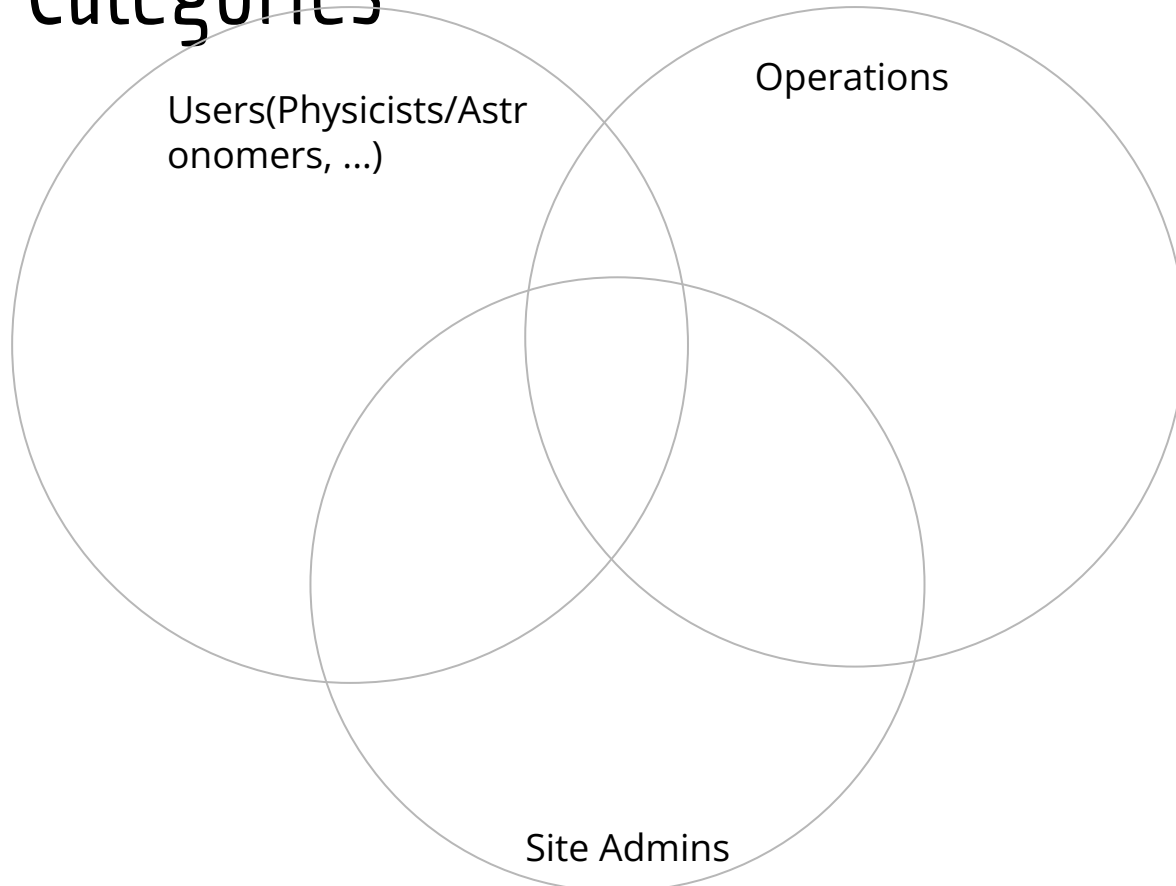
- Identify end-users
- Understand what's useful and what's not for each type of end-user



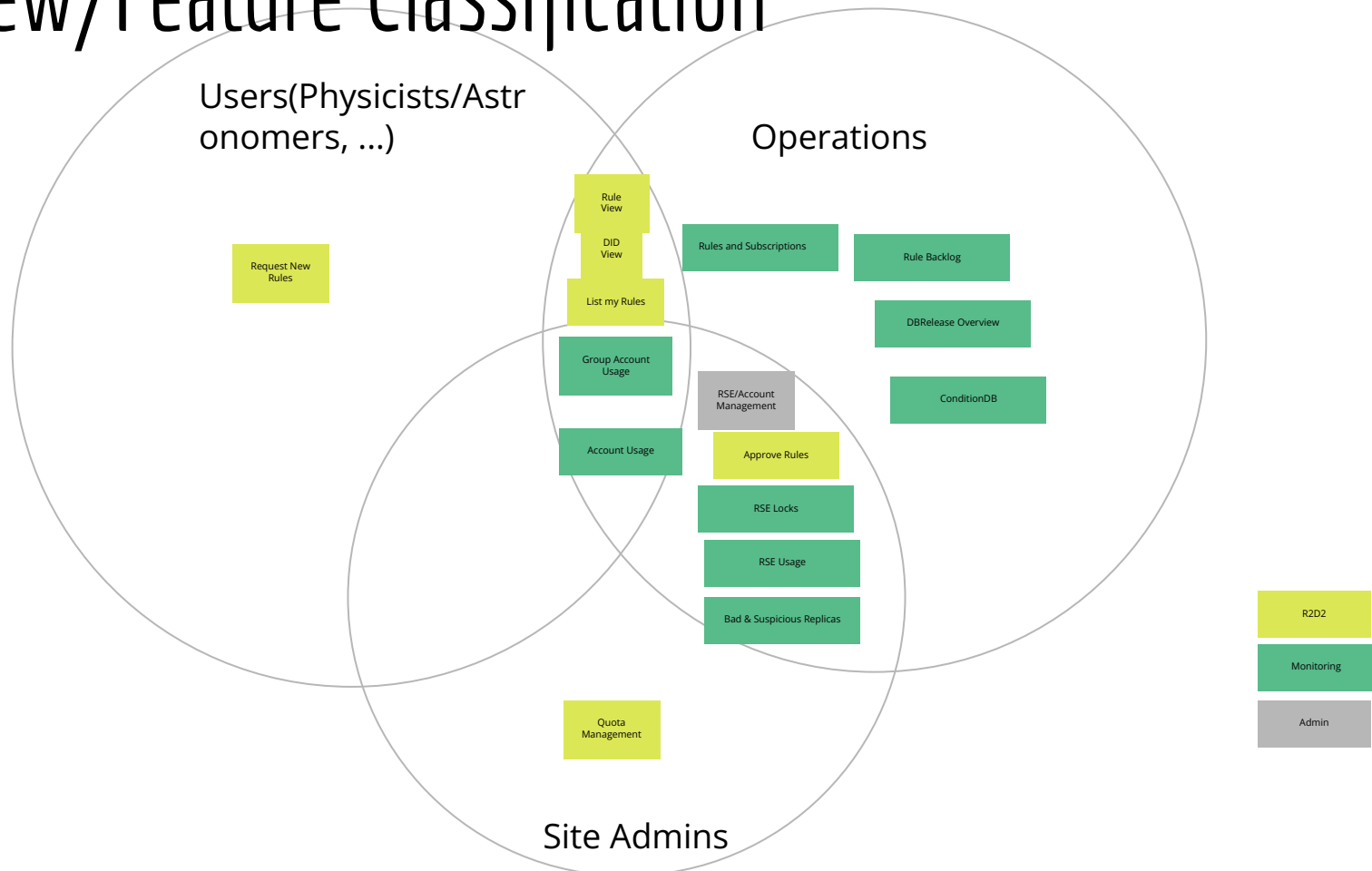
The long of it



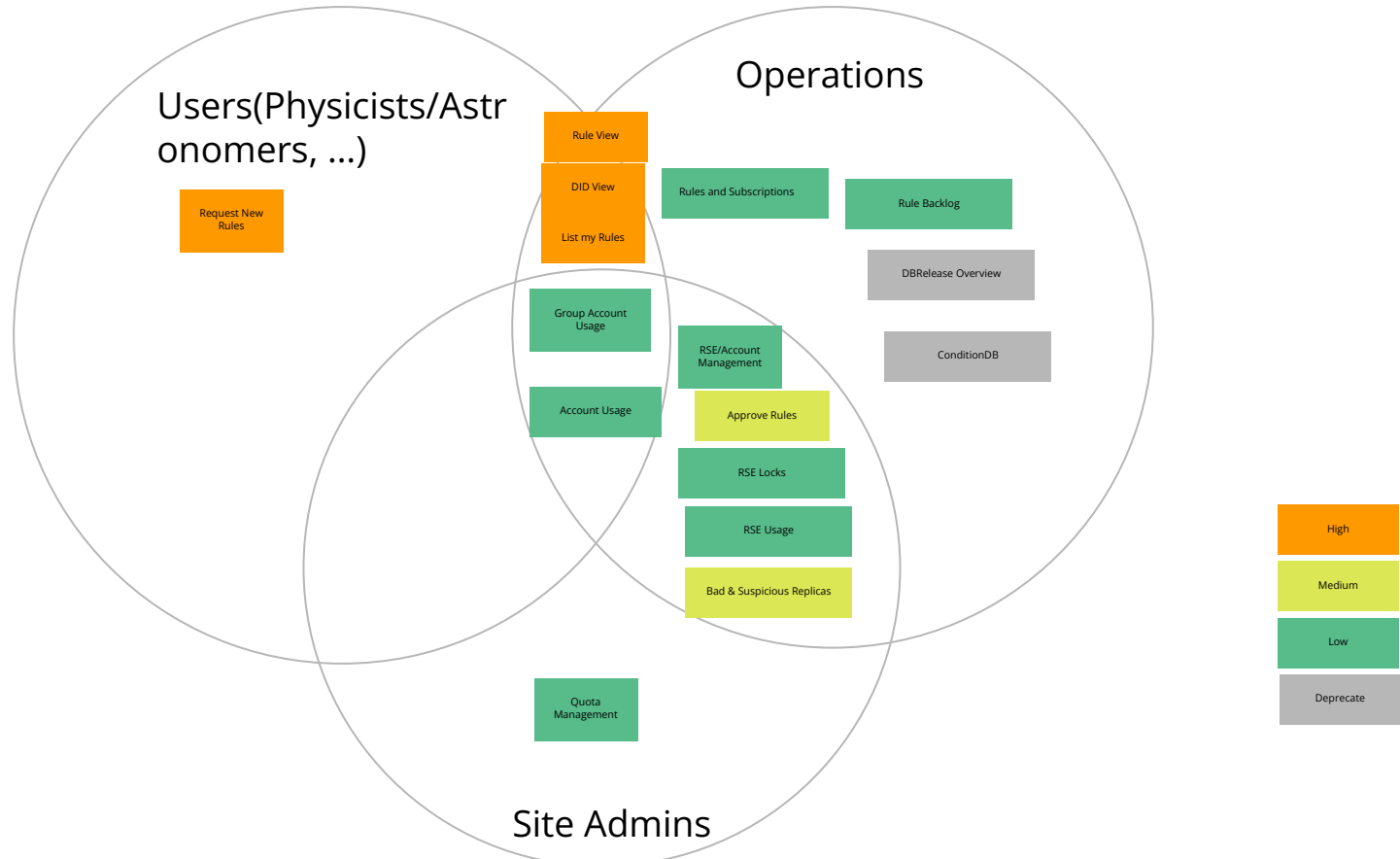
User Categories



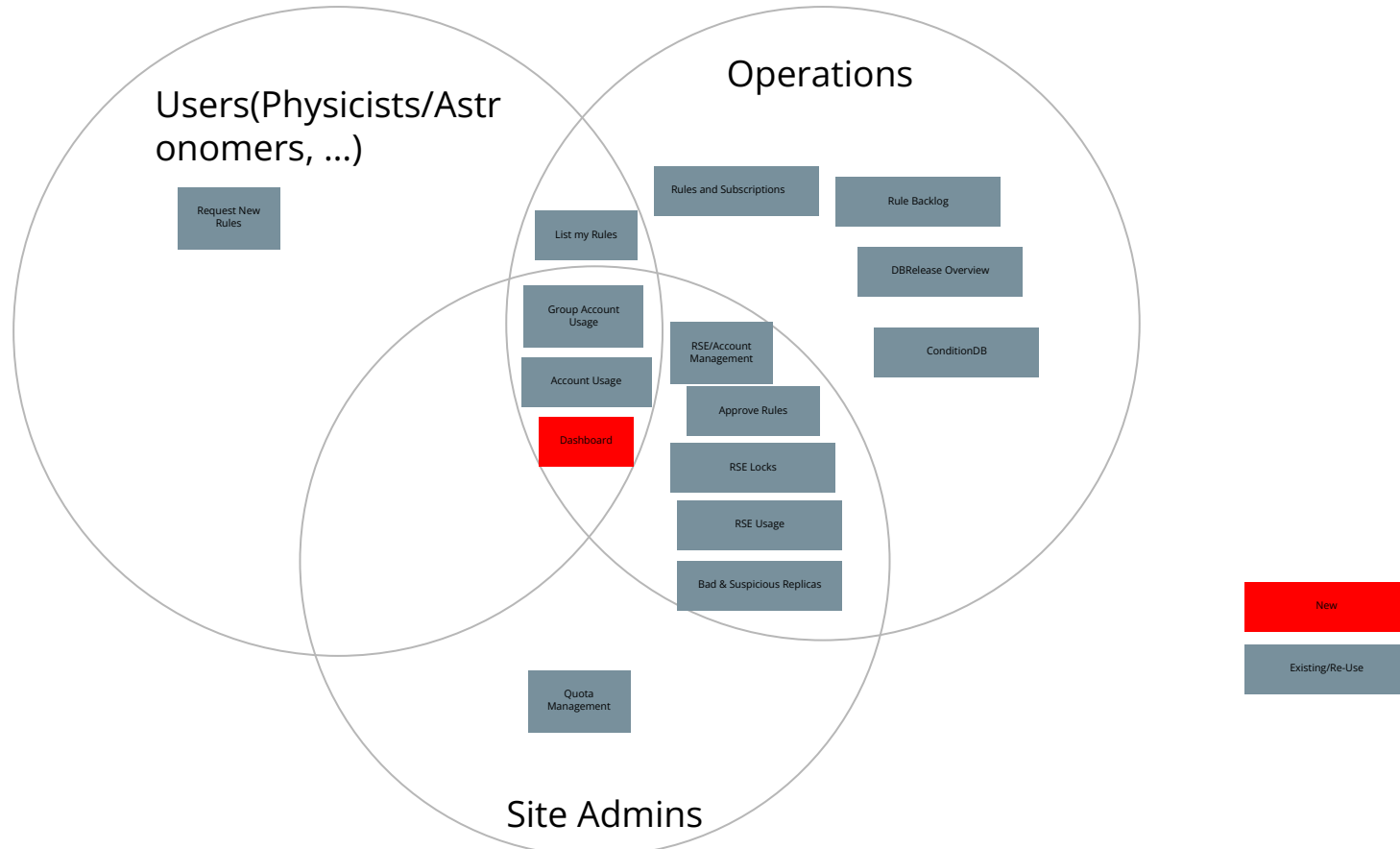
View/Feature Classification



View/Feature Classification: Priority



View/Feature Classification: New Features



Rucio UI: Dashboard

- Landing page for different types of users after logging in.
- Display most relevant statistics and links to relevant pages
- For users,
 - Account Usage
 - Overview of Rules, Rule Status
 - Follow Rules/DID's

Rucio UI: Next Steps

- Further feature analysis
- UI/UX Wireframes
- Get involved
 - Email: mayank.sharma@cern.ch
 - Backlog/Feature Requests:

<https://github.com/rucio/rucio/projects/8>