

ABC

A native school management system

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Problem Motivation

There's plenty of classroom management software, but they are

Poorly-designed

- Bloated

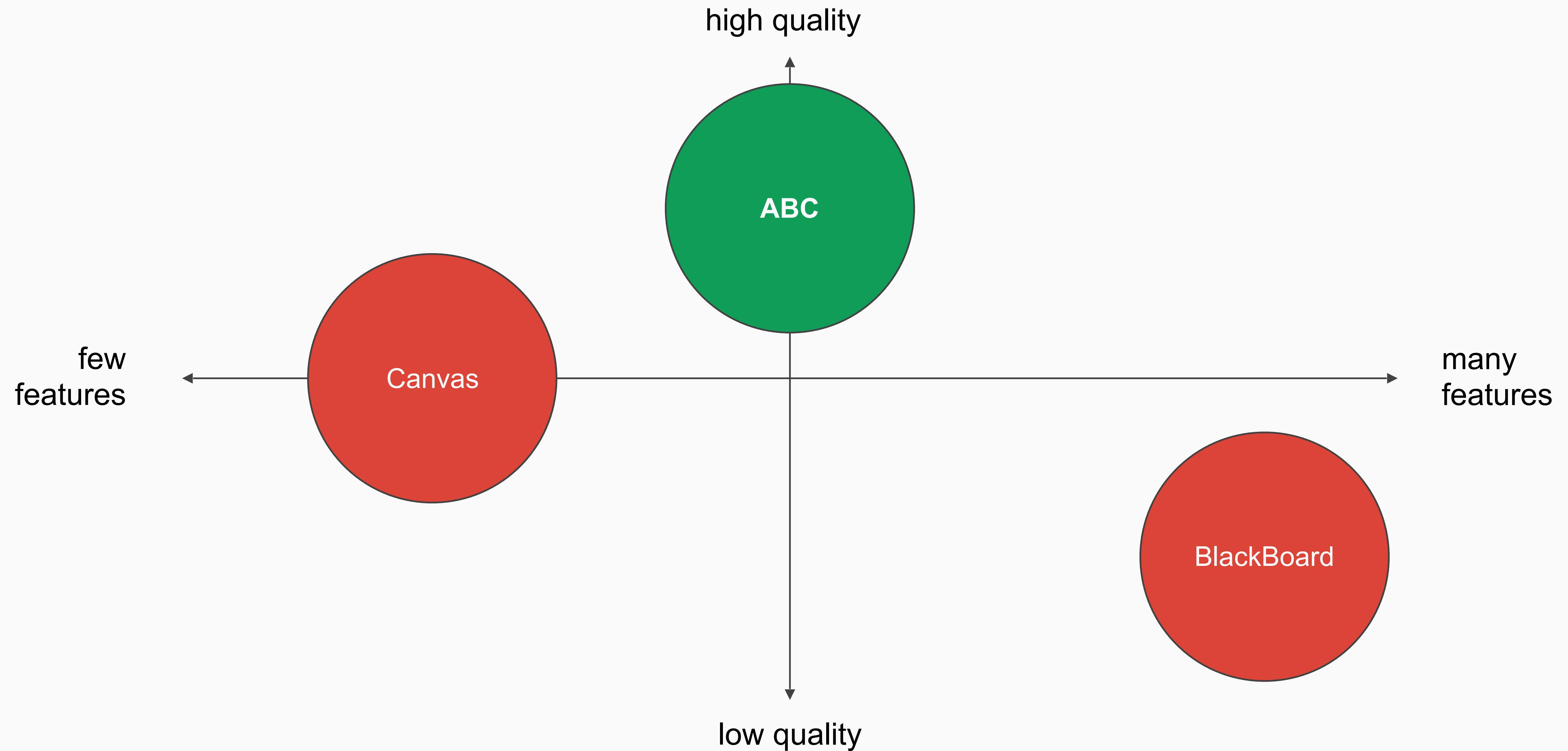
- UI redundancy

- Feature redundancy

Very buggy

- Ex: User's browser choice severely impacts Blackboard's performance

Problem Motivation



Project Goals

Beautiful design

- Retain core functionality - Assignments / Grades / Announcements
- No redundant features
- Stunning UI

Consistent experience

- Cross-platform
- Maintainability - Squash bugs once for all platforms
- Faster Updates - App updates typically delivered faster

Design Outline

Layered design

Modules increase maintainability

Sandboxing / Security

Client-Server Architecture

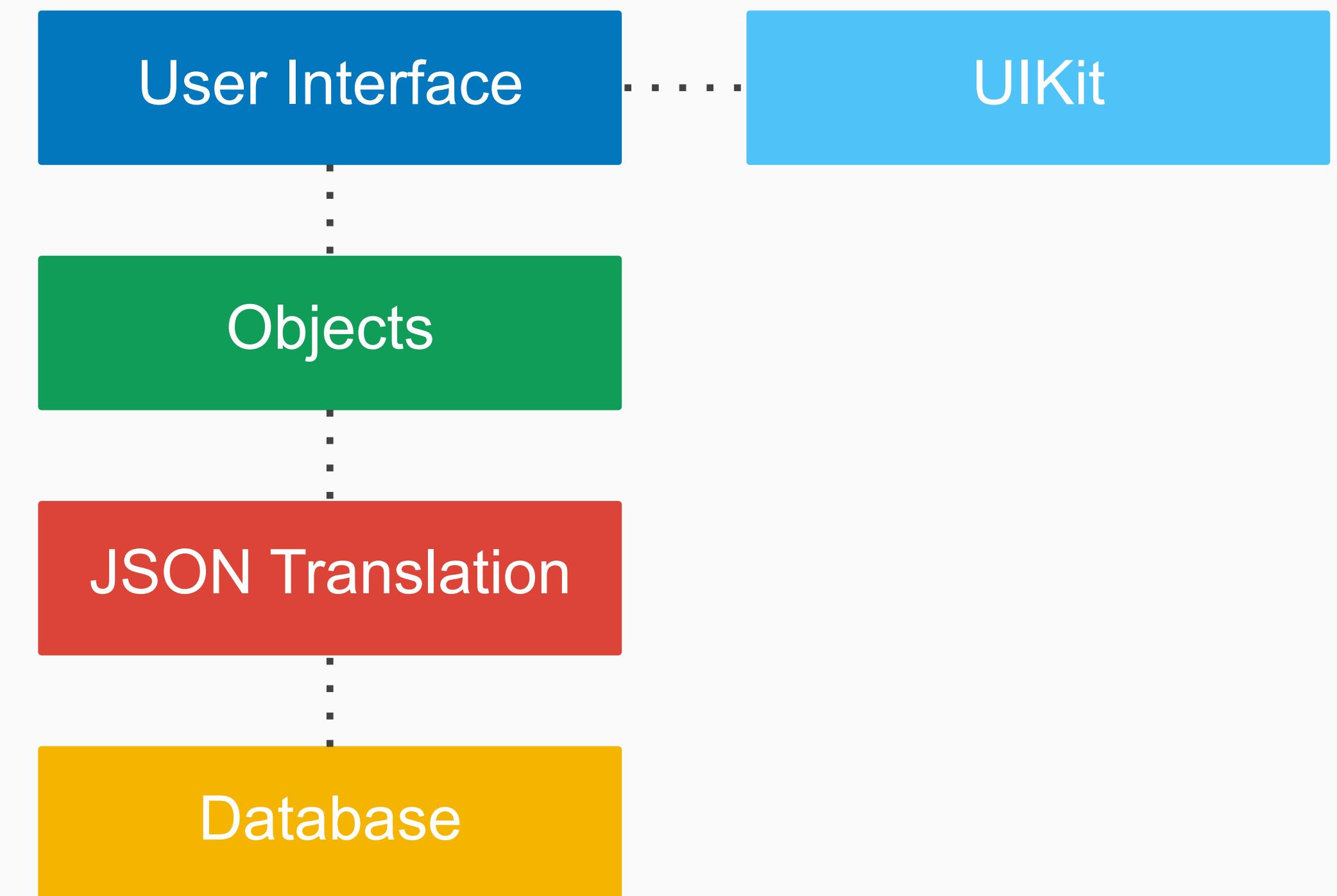
Client: Native Java App

Server: php and MySQL

User types

Privilege designation

Different functionality per type



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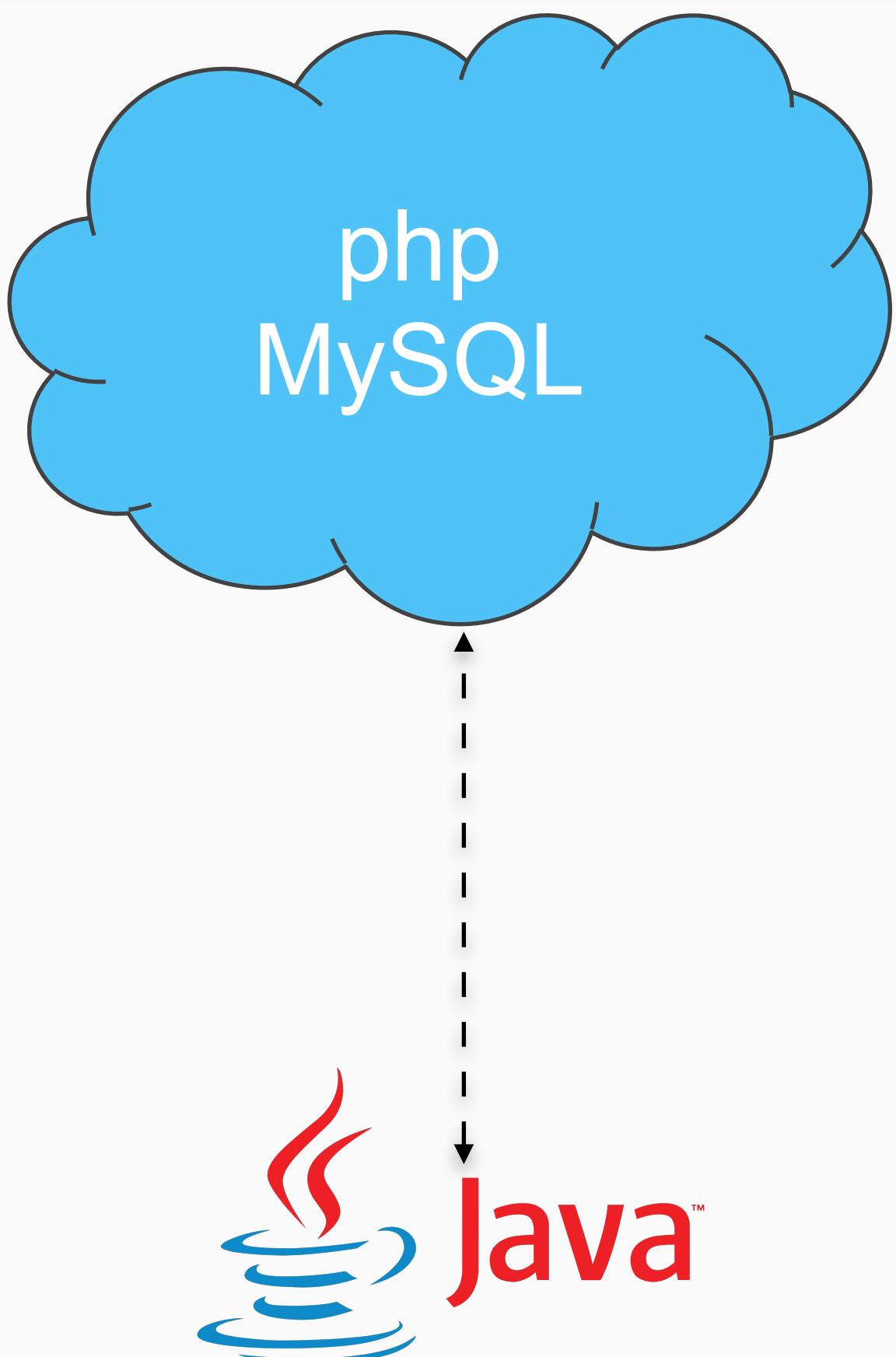
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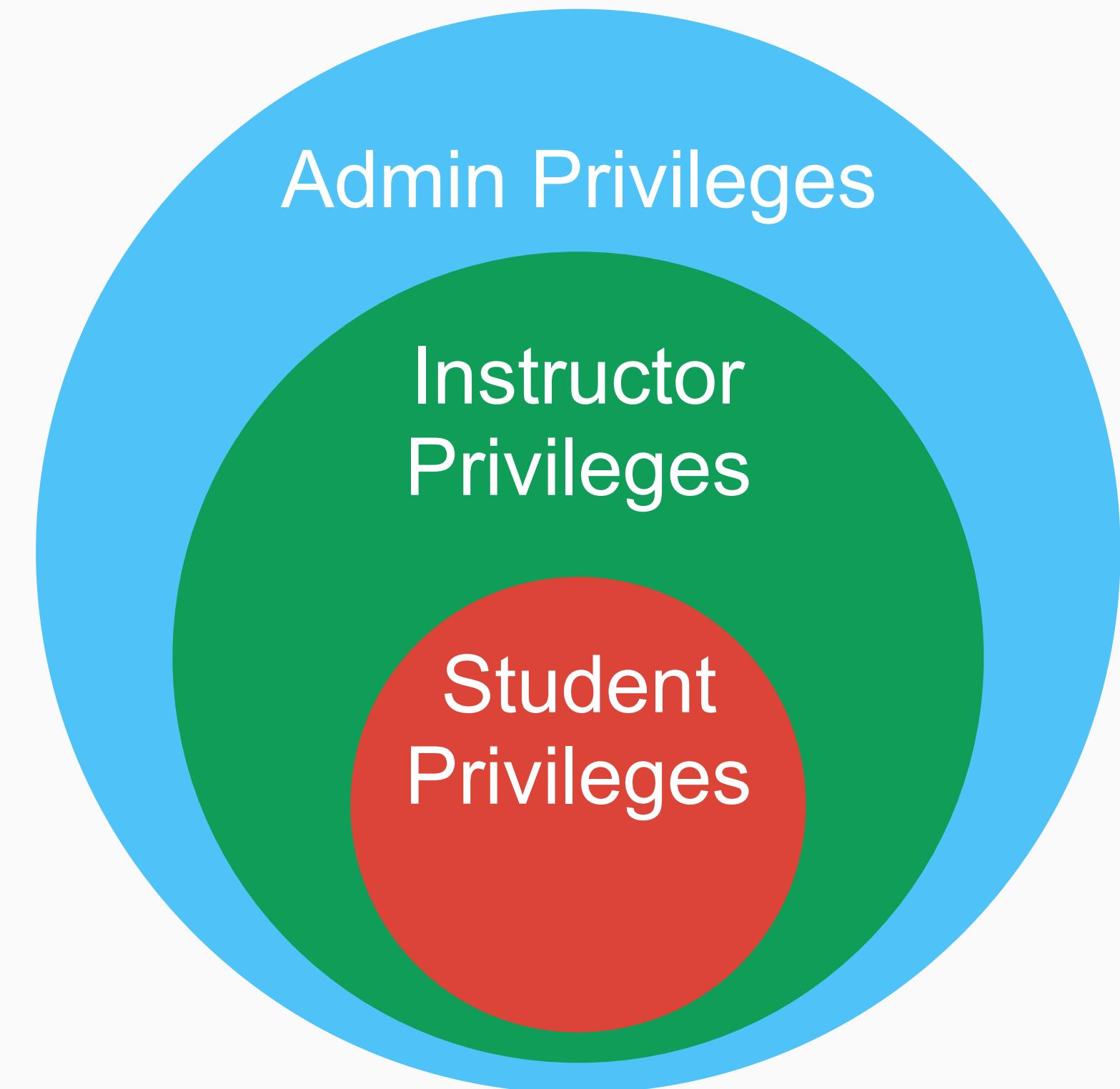
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Sprint 3

Demo

Main Functionality

Demo

GitHub Repository

Thank you