

Project 9 — Show and Tell

Jonathan Sumner Evans (jonathanevans@mines.edu)

Sam Sartor (ssartor@mines.edu)

Daichi Jameson (djameson@mines.edu)

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1 Application Overview

For our final project, we decided to build a web application for Mines students to show off their cool projects on the ACM TV in Brown Building West. We call the application *Show and Tell* after the age-old first-grade tradition. The core functionality *Show and Tell* is that users can create teams and upload projects. These projects are then verified by an system administrator, and once verified, the projects are ready for display on the ACM TV.

1.1 Application Schema

The core entities in our application are users, teams, and projects. In addition to these entities, *Show and Tell* tracks user sessions and project assets. The following ERD (Figure 1) describes the relationships between these entities.

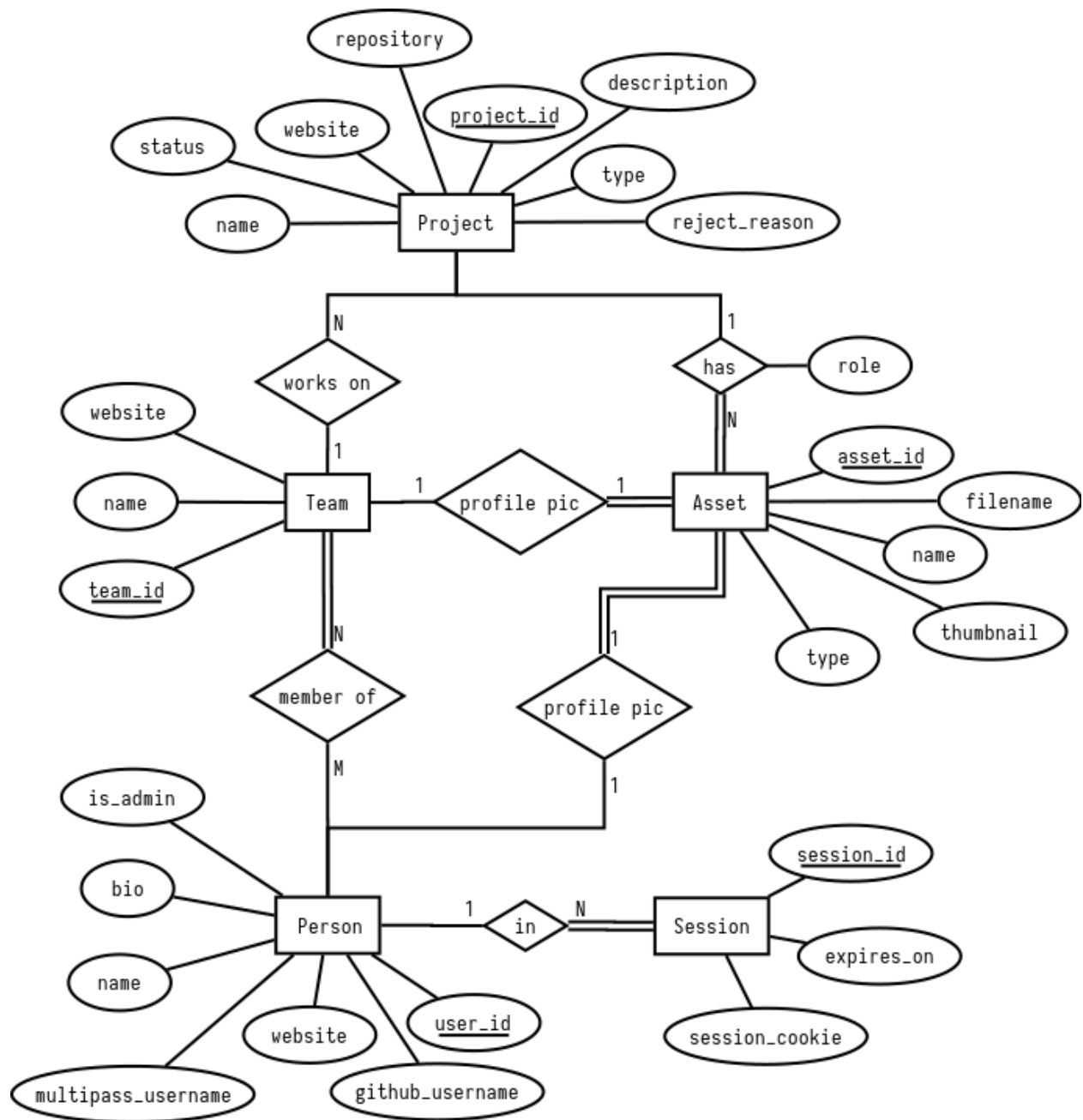


Figure 1: The ERD for *Show and Tell*

1.2 Schema Explanation

2 Application Implementation

3 Implementation Difficulties

4 What We Learned