

PoligonVR Package Repository

Raus Denis

January 6, 2025

Introduction

- **Purpose:** Centralized platform for PVR content creators
- **Problem:** Searching for platform specific content
- **Solution:** Web-based repository with:
 - Community-driven content sharing
 - Quality control through admin approval
 - Tag/Name/Username based search and filtering

Requirements

MoSCoW Analysis Must Have

- User authentication
- Package submission
- Admin approval
- Basic search

Should Have

- Advanced filtering
- Thumbnail previews

Could Have

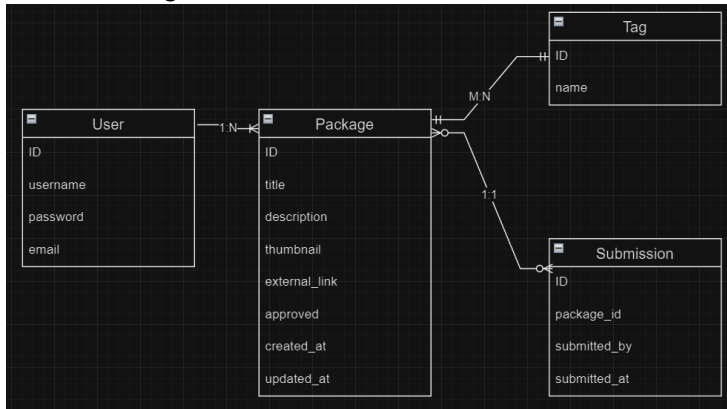
- Ratings system
- Price listings
- Multiple images

Won't Have

- Auto validation

Technical Architecture

- **Framework:** Django + PostgreSQL
- **Key Features:**
 - MVC Architecture
 - CSRF Protection
 - Role-based Access
 - Image Validation



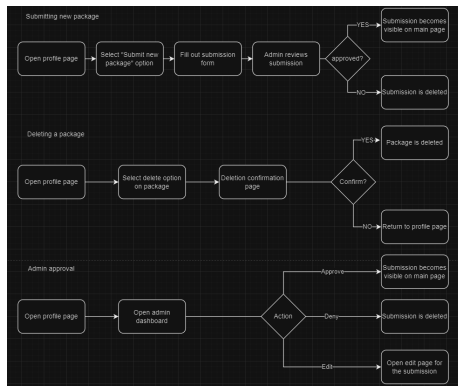
Implementation Details

Testing Approach

- Black Box Testing

Use Cases

- Package Submission
- Package deletion
- Admin Approval



Conclusion

Achievements

- Easier asset discovery
- Quality control implementation

Future Work

- Layout Improvements
- Multiple image support
- Third party integrations