

DAM Course Project

2012

2012-9-27

Goal

- Build a **simple** but **useful** DAM (more than CMS) system
 - determine your application
 - design data model
 - provide services

An application

- Recommended choices but not limited:
 - Photo-Exchange Market
 - 3D data Market
 - Video Station
 - Online Music Box
 - Simplified SNS/Twitter
 - Digital Book Market
 - ...

Data Model

- Database: **Mysql / SQLite**
- Just use designed folder structure in a file system

Requirements

- The client side of your system must be **web-browser (B/S architecture)**
- The server side could be in:
 - **Linux (ubuntu, redhat), Final Ver.**
 - **Windows 7/XP**
- The web page must be in **HTML 5**

资源管理小系统[共40分]

- 必选：
 - 创意与设计 [满分10分]
 - 简单内容管理 [满分5分]
 - 内容检索 [满分10分]
 - 用户管理 [满分5分]

资源管理小系统[共40分]

- 可选项，必须至少完成一项 [满分10分]，多完成一项加5分，总分加满100分为止
 - DRM，数字版权管理
 - 数字水印
 - 统一格式与媒体格式转换
 - 数据的版本管理
 - 内容计费与设计

资源管理小系统[共40分]

- 附加分，总分加满100分为止
 - 流程管理 [满分5分]
 - 云存储 [满分5分]
 - 我没有想到的功能 [满分5分]

Organization

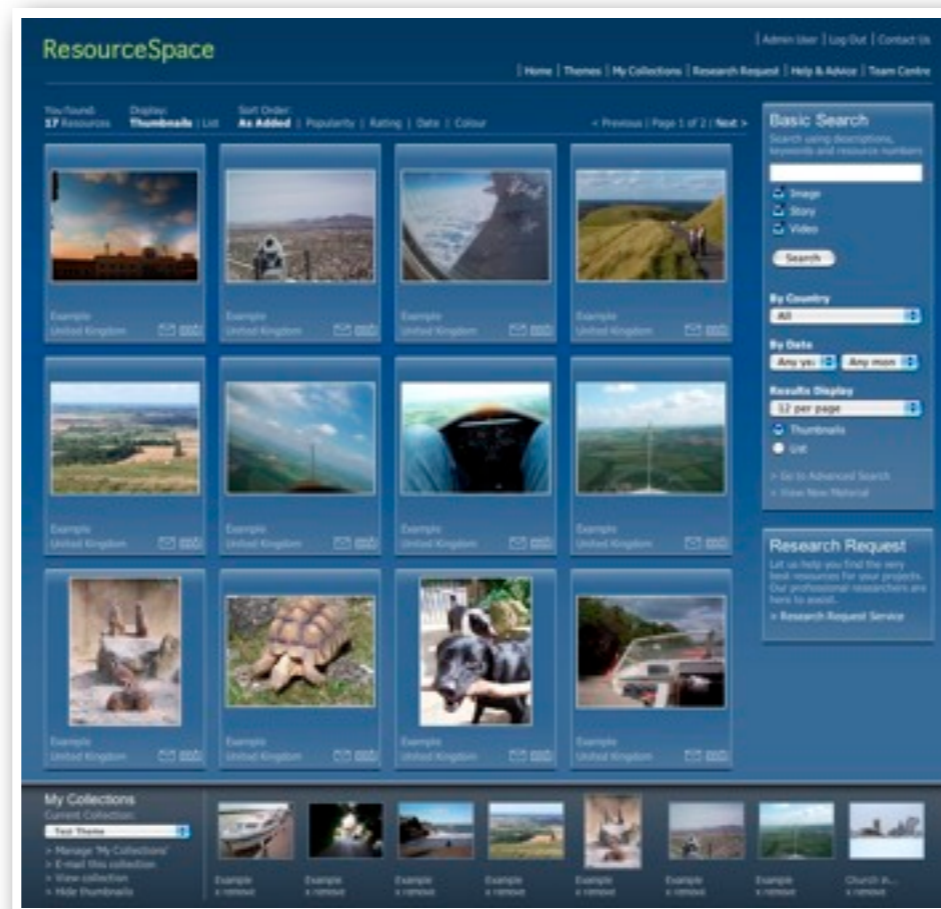
- One project team with 4~5 people
 - 1 leader (designer or architecture)
 - 1~2 programmer
 - 1~2 testing
 - 1~2 content management

Hand out

- **5** min presentation
- **3** documents on
 - design (1~2 pages)
 - key techniques (1~pages)
 - testing report / user menu (1~2 pages)
- **1** run-able system
- please hand out **code** as well

Reference

- Resourcespace: open source DAM
<http://www.montala.net/resourcespace.php>



Reference

- <http://www.razuna.com/>
- Content Management System
- CMS + PHP
- <http://www.php-open.com/9.htm>

Reference

- Flask
- Jinja 2
- Werkzeug
- modwsgi

ftp://10.214.0.111

user: stu

pass: 2012

The life cycle of your project

Stage 1: idea, organize and design

Stage 2: implementation

Stage 3: maintaining and enhancement

Help and Support from www.aliyun.com

1. Online fundamental services:
VM, HTTPD, DB, cloud storage
2. Technique support
3. Small Award / gift for winner
phone, VM or pad?

**This is a TRUE
competition!**

Important date

- Organization: 2012-10-09
 - 1 minute representation for main idea
- Project representation: 2012-11-xx
 - the 16th lesson, 5~10 minute demo
- Final handle out: 2012-11-xx + 2 weeks