

DAM Course Project

2015

2015-10-08

Goal

- Build a **simple** but **useful** DAM system (more than CMS)
- determine your application
- design data model
- provide services
- the front-end can be run on mobile device (H5 web or App)

An application

- Recommended choices but not limited:
 - Photo-Exchange Market
 - 3D Model Market
 - Online Music Box
 - ...

Data Model

- Database: **SQLite (MySQL)**
- Just use designed folder structure in a file system

Requirements

- The client side of your system must be **web-browser (B/S architecture)**
 - **or with a front-end of mobile app**
- The server side could be in:
 - **Linux (ubuntu, redhat/CentOS), Final Ver.**
 - **Windows 7/XP**
- The web page must be in **HTML 5**
- **python or Node.JS (recommended)**

资源管理小系统[共40分]

- 必选（25分）：
 - 创意与设计 [满分10分]
 - 简单内容管理 [满分5分]
 - 用户管理 [满分5分]
 - 内容检索 [满分5分]
- 可选项（15分）

资源管理小系统[共40分]

- 可选项，必须至少完成一项 [满分15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]
 - 能够打通aliyun oss 或者baidu云盘
 - 我没有想到的其他有价值功能 [满分5分]

Organization

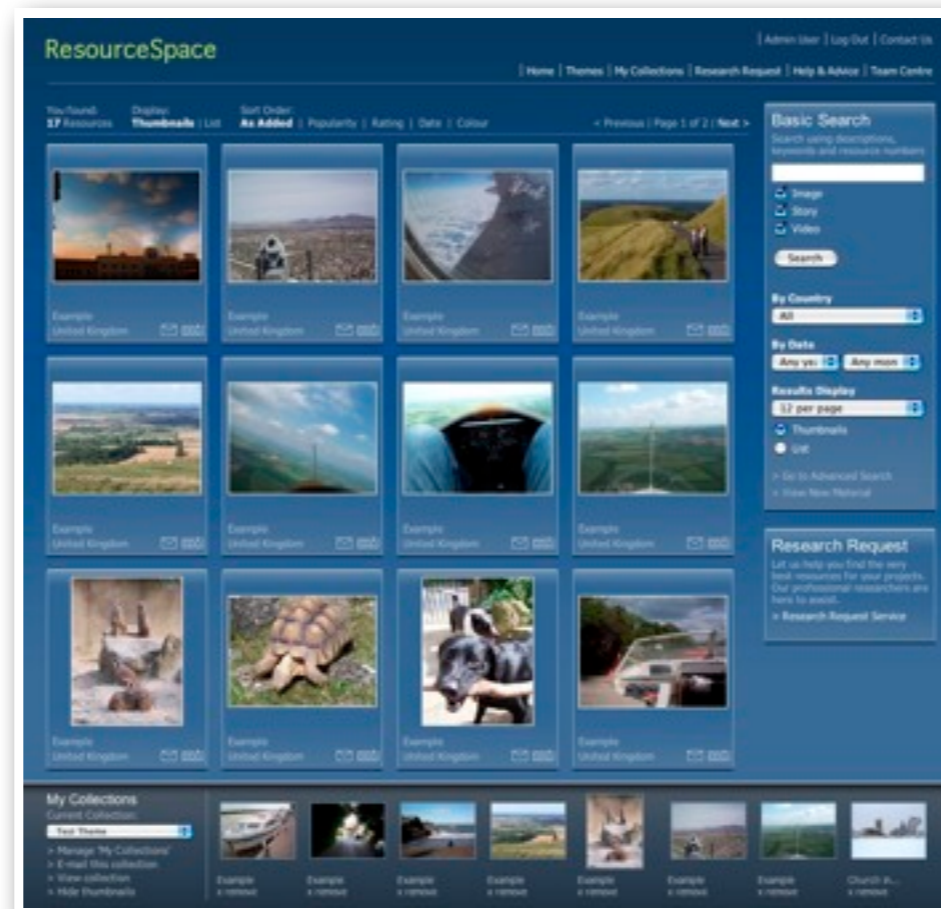
- One project team with 4~5 people
 - 1 leader (designer or architecture)
 - 1~2 programmer
 - 1~2 testing
 - 1~2 content management

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 (with demo video)
- 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://10.214.6.111

user: stu

pass: 2015

TBD

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?

Important date

- Organization: 2015-10-13
 - 1 minute representation for main idea
- Project representation: 2015-11-xx
 - the 16-th (last) lesson,
5~10 minute demo
- Final handle out: 2015-11-xx + 10 days