

# DAM Course Project

2014

2014-10-16

# 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 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 web-app based one**
- The server side could be in:
  - **Linux (ubuntu, redhat), Final Ver.**
  - **Windows 7/XP**
- The web page must be in **HTML 5**
- **Node.JS (recommended)**

# 资源管理小系统[共40分]

- 必选（30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10分]
- 可选项（10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

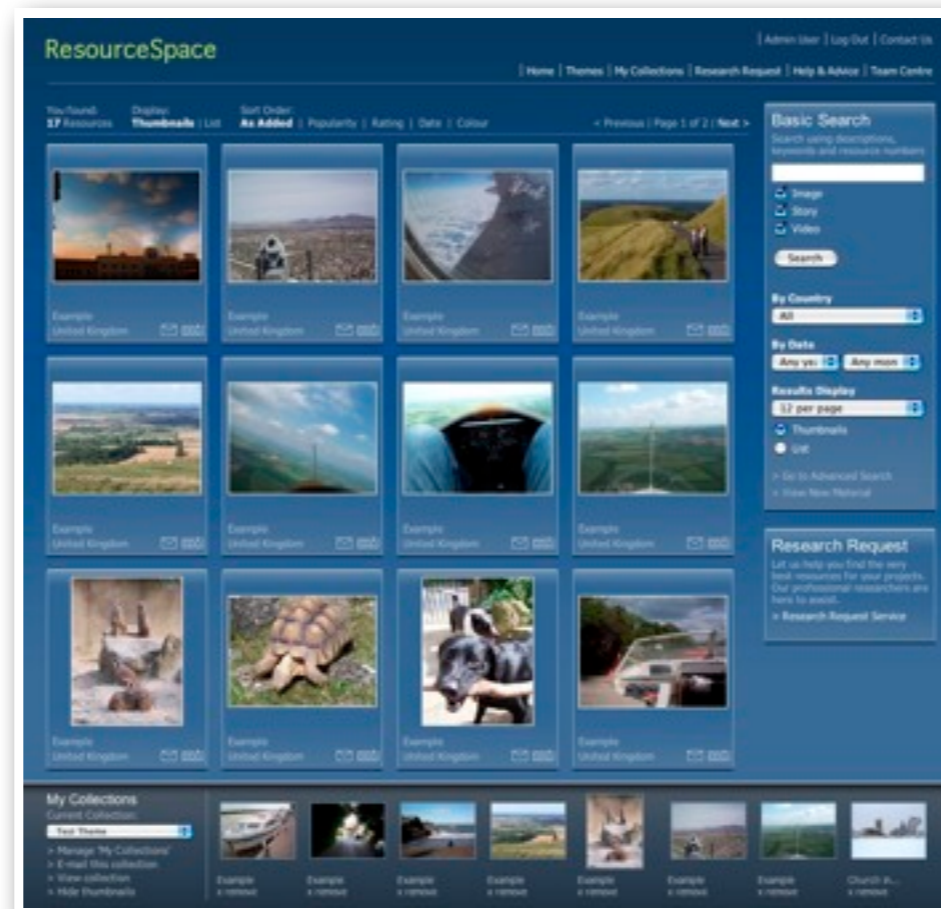
- One project team with 4~5 people
  - 1 leader (designer or architecture)
  - 1~2 programmer
  - 1~2 testing
  - 1~2 content management

# 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://10.214.6.111**

**user: stu**

**pass: 2014**

# 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](http://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: 2014-10-16
  - 1 minute representation for main idea
- Project representation: 2014-11-18
  - the 16 (or 15)-th lesson,  
5~10 minute demo
- Final handle out: 2014-11-xx + 1 weeks