

Candidate Presentation Session for  
**Seymour Cray  
Outstanding Placement  
Award**

Candidate No.8  
**Tam Ka Ho Louis (BAC)**  
29<sup>th</sup> October 2005

## Outline of this presentation

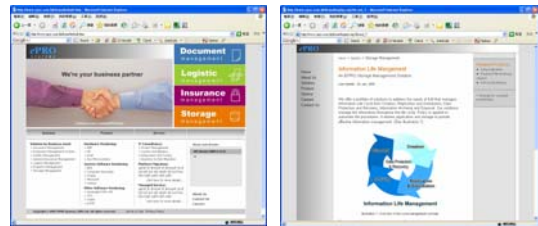
- Introduction
- Projects Involved
  - URPS
  - EDMS
  - MMS
  - Others
- Q&A Session

## Introduction

- EPRO Systems (H.K) Limited
  - A system integrator
- Worked for 14 months
  - Salary increased from 5k to 8k for the extension of the last 2 months
  - Concurrently participate in different project teams

## Introduction

- Won the website design competition with 2,000 cash prize (It will be launched as the official website soon!)



## Project Involved

- Urban Renewal Project System (URPS)
- Enterprise Document Management System (EDMS)
- Manufacturers Management System (MMS)
- Others

## Urban Renewal Project System (URPS)

- Develop for the HK Housing Society
- Support the process of acquisition of properties and re-housing of tenants affected
- Small Project Team Size
  - Phase 3 Batch I: 8-10
  - Phase 3 Batch II: 5
  - Maintenance & Support: 4-6

## Urban Renewal Project System (URPS)

### ■ Roles Taken

- Analyst Programmer
  - Produce Program Spec from the Application Component Spec
  - Implement the approved Change Requests (CR)
  - Clear Test Incident Reports (TIR)
  - Prepare Deployment Procedure
  - Prepare Training Manual
  - Help prepare the Traceability Matrix

## Urban Renewal Project System (URPS)

### ■ Roles Taken (Cont'd)

- Programmer
  - Coding
  - Unit Test Case Design
  - Modify Reports (Business Object)
- Configuration Controller
  - Check-in/Check-out configuration items for the development team.
  - Produce Stage Build Sheet (SBS)
  - Produce Status Report
  - Produce Release Request Form

## Urban Renewal Project System (URPS)

### ■ Roles Taken (Cont'd)

- Quality Controller
  - Perform Unit Test
  - Perform System Integration Test
- Technical Support
  - Setup simulation environment for system rollout rehearsal
  - Daily backup of the development environment (Oracle) and the program source library (Visual Source Safe)

## Urban Renewal Project System (URPS)

### ■ Skills polished

- Technical
  - Java, Jsp, PL/SQL, SQL, BO, Excel VBA
  - Administration of Oracle, Websphere
  - Technical Writing
- Non-Technical
  - Learnt to think in way your boss does
  - Organization Ability

## Enterprise Document Management System (EDMS)

### ■ A replacement system for the legacy document management system of HK Housing Society

- Based on Hummingbird DM, RM & BI Query systems
- Our task is to customize them and construct additional functionalities

## Enterprise Document Management System (EDMS)

### ■ Roles Taken

- Analyst Programmer
  - Study a proprietary software system with just the documentations
  - Give the final answer about what can be and what cannot be done by that system
  - Prepare Operation Manual & Training Manual
- Programmer
- Quality Controller

## Enterprise Document Management System (EDMS)

### ■ Roles Taken (Cont'd)

- Technical Support
  - Setup environments for development and testing
  - Participate in the System Rollout Procedure

## Enterprise Document Management System (EDMS)

### ■ Skills Polished

- Technical
  - VB6, ASP, Hummingbird DM/RM/BI Query
  - SQL Server, Exchange Server
- Non-technical
  - Being patient no matter how boring the task is

## Manufacturers Management System (MMS)

- Developed for a local toys trading company
- Responsible for the issuing, keeping track of and printing of invoice, purchasing order, confirmation order, printing of shipping labels, etc
- Built with legacy version (6.5) of PowerBuilder
- Our task is to make enhancement and construct additional functionality to the system

## Manufacturers Management System (MMS)

### ■ Roles Taken

- Analyst Programmer
- Programmer
- Technical Support
  - Deploy the release directly to the production environment

## Manufacturers Management System (MMS)

### ■ Skills Polished

- Technical
  - PowerBuilder, VB6, Windows APIs, Pdf995, VeryPdf
- Non-Technical
  - Learnt to solve problems without the aid of the Internet (too legacy to be search!)

## Others

### ■ Fully in charge for a temporary solution in May

- A summary report is to be generated automatically from the raw data
- More than 250 statistic figures need to be calculated
- Calculation is not straight forward, a series of business logic is involved in the interpretation of the raw data
- Worked as a secondment developer, **contributed profit** directly to my company

## Others

- Responsibility
  - Collect and confirm requirements with the end users
  - Give technical solutions and corresponding estimated effort
  - Development
  - Testing

## Others

- The final solution
  - Excel as interface and MS Access VBA for the backend processing
  - 5 man-day needed in total
- The software is delivered on schedule with no major bugs discovered in the UAT
- Feedbacks from the end-users are positive

## Q&A Session

- Do you have any questions?