LogiGear®

Software Testing

CRM Training Schedule

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Objectives

- This training program provides a new comer to acquaint with knowledge, skills and competencies needed to join into CRM project or other .NET web projects.
- After this program, the new comer will have these following things:
  - Fully familiarize the new comer with the architecture of the .NET Framework, as well as the use of the core classes for Web user interfaces, form processing, form validation, session and application management, database connectivity.
  - Understand some technologies like ASP.NET MVC2 model, JQuery, LINQ, JSON, AJAX…
  - Use Visual Studio .NET to develop, debug, and deploy Web applications
  - Work on SQL Server database
  - Understand .NET Coding conventions
  - Improve unit test & code review
  - Ability to work on CRM project or other web projects
  - …

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Overview

- **Day 1**: Install softwares, “warm up”
- **Day 2**: Coding conventions, code review and unit test check list
- **Day 3**: Overview of CRM project (techniques, framework, database…)
- **Day 4 – 5 – 6 – 7 – 8**: Start with module CUSTOMER MANAGEMENT
- **Day 9**: Peer-to-peer test and code review, advance feedbacks, complete the module.

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❑ **Needed softwares**:

-Visual Studio.NET 2010

\\data-server\LogiGearVN\Software\Developer_Tools\Visua Studio 2010

- SQL Server 2005 (Personal version)

\\data-server\LogiGearVN\Software\Developer_Tools\SQL_Server\SQL_Server_2005\Sql_2005_deverloper

- SVN source control

\\lgvn11725\Develop\TortoiseSVN-1.6.1.16129-win32-svn-1.6.1.msi

- Skype, Office, Web browsers…

Make sure that you can connect to a database, arrange your SVN source folder, check-out the resources from SVN

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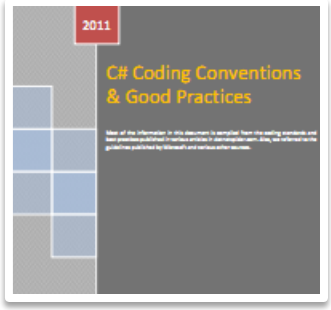
DAY 2



- Checkout the resources from SVN: svn://lgvn12704/Library/Training/ASP_NET

- Read and understand Coding conventions, the check list of Unit Test and Code Review.

Explain the important of Coding convention, the process and check list of Unit test and Code review

Time: 1 hour

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Introduce the CRM project: techniques, framework, database, source code structure, requirements…

Time: 2 hours

-Time to review and research about the technologies: ASP.NET, MVC2 model, JQuery, LINQ, HTML, CSS….

- Understand the CRM framework

Source Code: svn://lgvn12704/Projects - Internal/CRM/SourceCode/Training

Database information:

Server name: LGVN10389
DB name: CRM_Training
Username & pass: dev_dev

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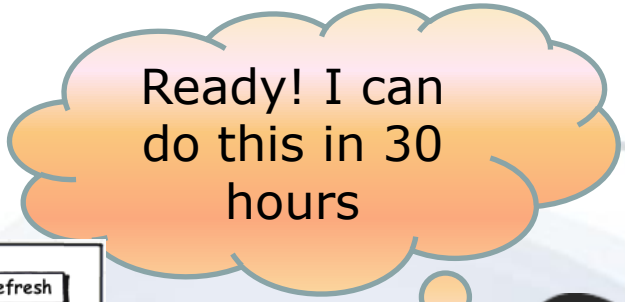
DAY 4

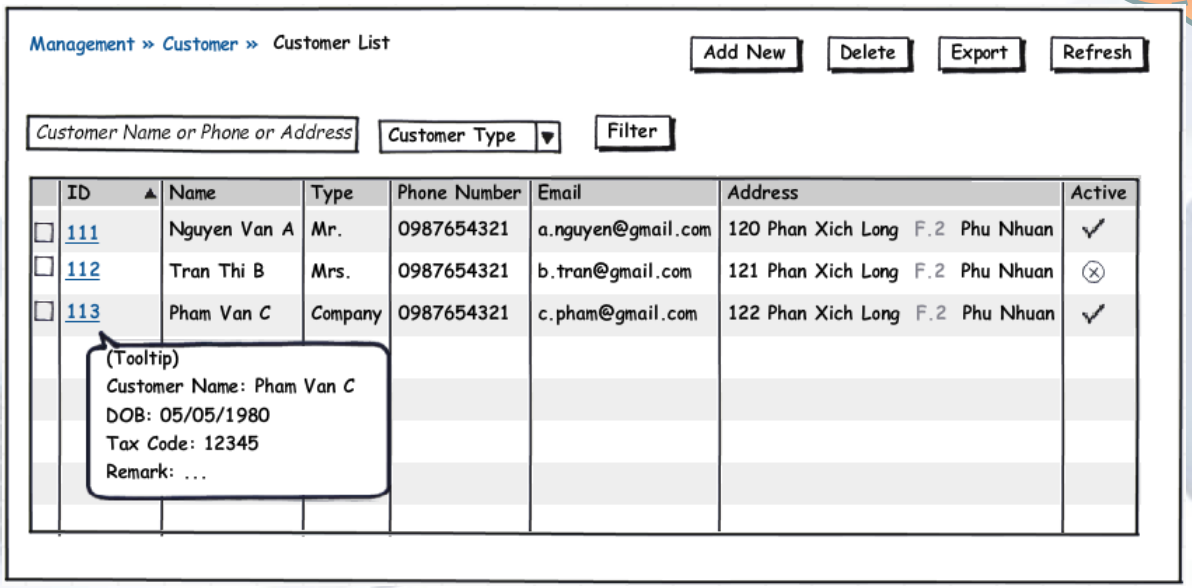
-Start the first task of CRM: Customer Management
(svn://lgvn12704/Library/Training/ASP_NET/System Design)

- Present the requirements, answer questions, get estimation for the task (max of this task is 40 hours)

- Support on coding

-Time: 2 hours





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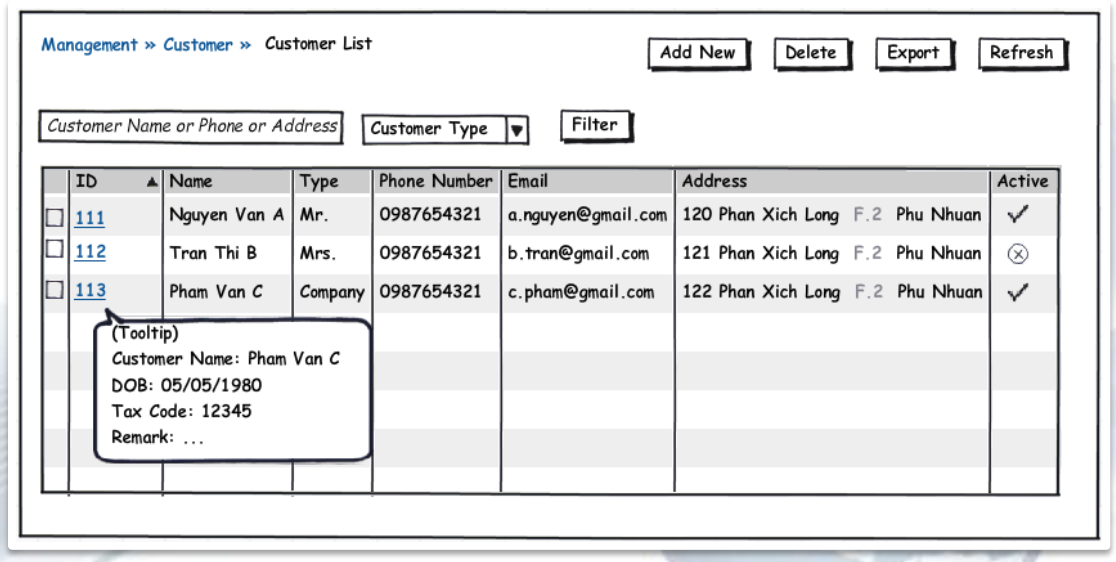
DAY 5 – 6 – 7 - 8

- Follow the task, support the new comer on coding, requirement, check status.
- Add more requirements on the Day 7 or 8: authentication function, update data concurrently, sql injection…
- Time: 1 hour / day



Customer list, insert, update, delete, filter, paging, sort, export

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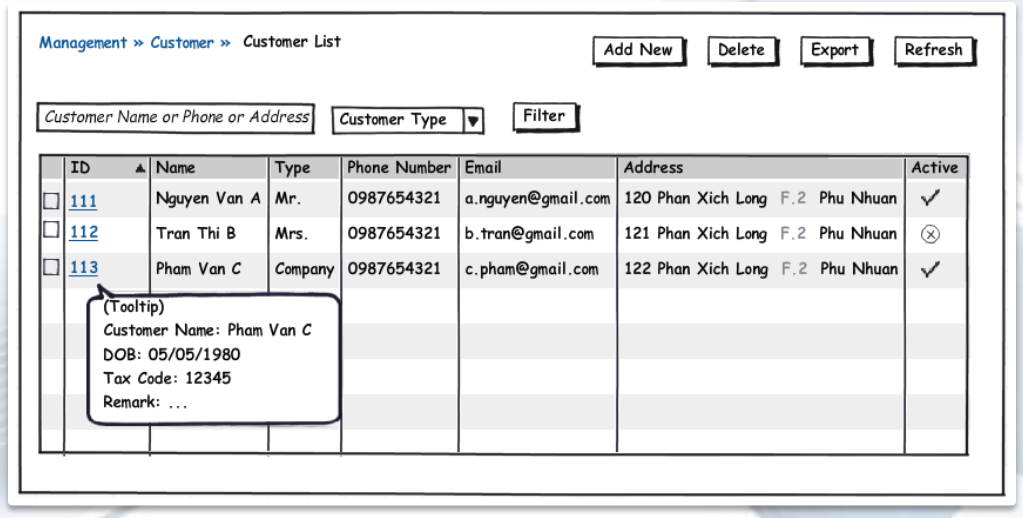
- Check the result, peer-to-peer test & review the result, coding standard, unit test & code review

- Update source code to complete the module.

Time: 2 hours



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