Granny's Addressbook

From OSILWiki

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Printing from the Wiki / PDF

Print at 90% scale or things get cut off. Also Andy has a copy here: http://dl.dropbox.com /u/1368565/OSIL/granny.pdf

Why

Something Andy says about scalability, performance, etc, "If you're implementing Granny's Addressbook, it doesn't matter what you use." The project is intended to demonstrate that someone can actually develop software, follow a specification, and write clear, concise and complete instructions. The simplicity of the example is to avoid messy things like security or too much configuration.
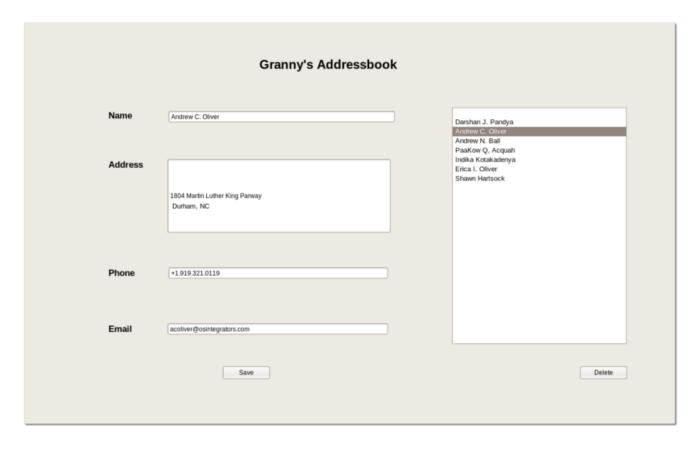
Timelimit

The person has two days from receipt to complete the example.

Functionality

- The UI must be the single page in the below mock-up (it does not have to look EXACTLY the same, use any colors you like, etc but the general idea/layout).
- Clicking on the initial blank entry in the list box, should bring up a clear form where you can enter a NEW address.
- Clicking save must write the record to a database table.
- Clicking on an entry in the list box should cause the text boxes on the left (i.e. name, address, etc) to be populated with the record.
- Clicking on an entry, having it appear in the combo boxes, then altering the text, then clicking save should "update" the entry in the database and possibly the list box
- Clicking on Delete should delete the selected record

Granny's Addressbook

Name

Andrew C. Oliver

Address

1804 Martin Luther King Parway
Durham, NC

Phone

+1.919.321.0119

Email

acoliver@osintegrators.com

Save

Darshan J. Pandya
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PaaKow Q. Acquah
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Delete

Requirements

- The application MUST use a relational SQL database
- Records MUST be persisted to a relational SQL database
- Validation is not required but if implemented MUST allow for international phone numbers, addresses, etc
- The application MUST be web based
- All HTML must be CSS/div based (not old style spaghetti with hard coded styles)
- The application MUST NOT require any proprietary software
- The application MUST be runnable on Linux (it need not be developed on Linux but instructions should assume Linux)
- Any framework, computer language or freely available open source technology can be used (i.e. DO NOT use WebLogic, for instance. We will not purchase any software licenses to run this)
- The application MAY BE AJAX-style but is not required to AJAX-style.
- The application MUST be HTML-based, and cannot use Java applets, Flash, Silverlight or other similar plugins.
- The application MUST work on the most current version of Firefox and Chrome
    - We will be testing on the latest versions on Ubuntu 10.10
- The application MUST work in the latest version of Internet Explorer
- The application SHOULD NOT validate that only these browsers are used

Instructions

- The candidate must provide clear, concise and complete instructions for installing and

running the application.

- The candidate can assume there is an operating system installed and should not provide instructions for installing one.
- The candidate can assume the reader is a technical person and need not explain basic things like "what is a database?"
- The instructions should be well-written and look professional like one would give to a client.

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