# FrontAccounting Open Source Accounting Software

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## History

• FrontAccounting project was established on Source Forge in April 2007 as a further development of concepts introduced by Open Accounting system, which in turn was complete rewrite of Web Enterprise Resource Planning (webERP) application.

## The purpose

• The application has a modular architecture that supports multicurrency and multibranch companies aiming at supporting everyday company activities like sales, inventory management and purchasing with fully automatic GL posting.

#### **Features**

- Free and released under the GNU General Public License.
- Web-based Accounting and ERP system.
- Open Source, targeted for small to medium companies.
- User friendly installation wizard in several languages.
- Written in object oriented (OO) PHP language.

### Miscellaneous features

- Support for multi-branch customers.
- Use of network printer, printing by browser or local printer on client side box.
- Print profiles enable document printing on different destination printers.
- Report destinations PDF/Printers and XLS formats for MS Excel and Openoffice Calc.
- High scalability from one PC box installations up to multibranch companies spread over the world.

## Architecture basis

- Front Accounting is released as a web application accessible by any web browser with its database installed on a central server.
- It is written in PHP language with use of MySQL database engine.
- It runs well on a Linux Server with an Apache Web server, PHP and MySQL and provides functionality that can be extended when needed with external modules and language hooks.
- Low software requirements: MySQL 3.1, PHP 4.3 or 5

## User perspective (1/2)

- Accounting software installed on central www server can be accessed by any number of users around the world, or access can be limited to intranet or even only local users.
- Application is usable with any www browser. No additional software have to be installed on client side.

 CSS enables user interface adjustments to special needs like using on PDA or cell phones with embedded browser.

# User perspective (2/2)

User interface works in two modes: full featured light Ajax mode and fallback mode.

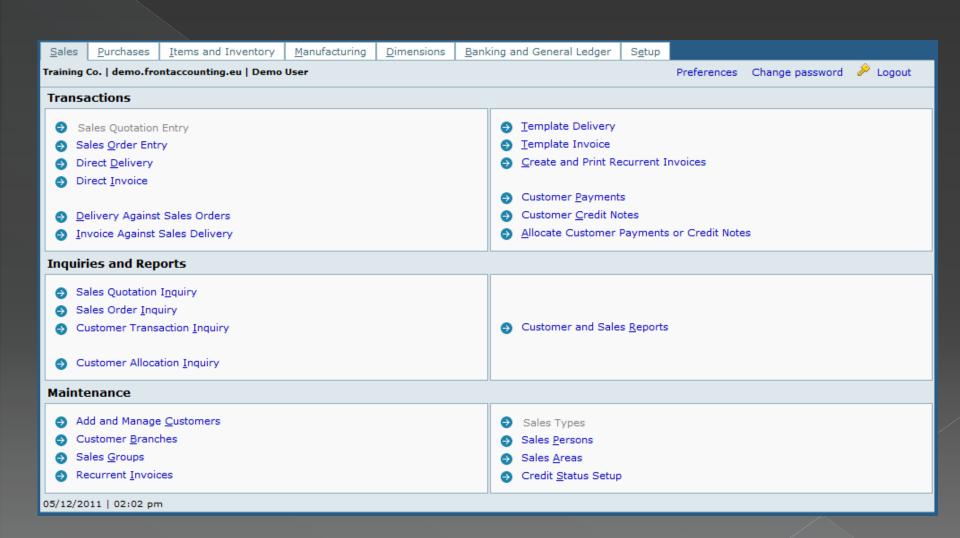
Full mode use JavaScript code to make the interface user friendly and boost effectiveness of data entry. If browser with disabled JavaScript support is used to access application, the user interface switches automatically to fallback mode. In this mode all basic application functionality is still available, although data entry is slower.

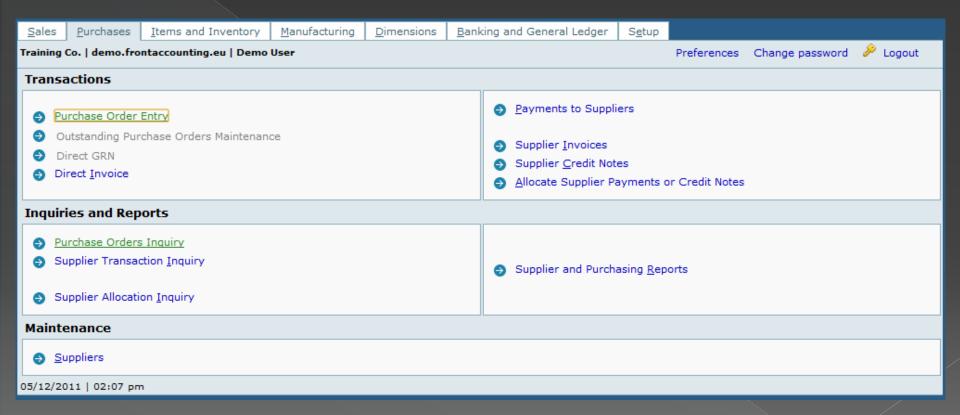
## Developer perspective

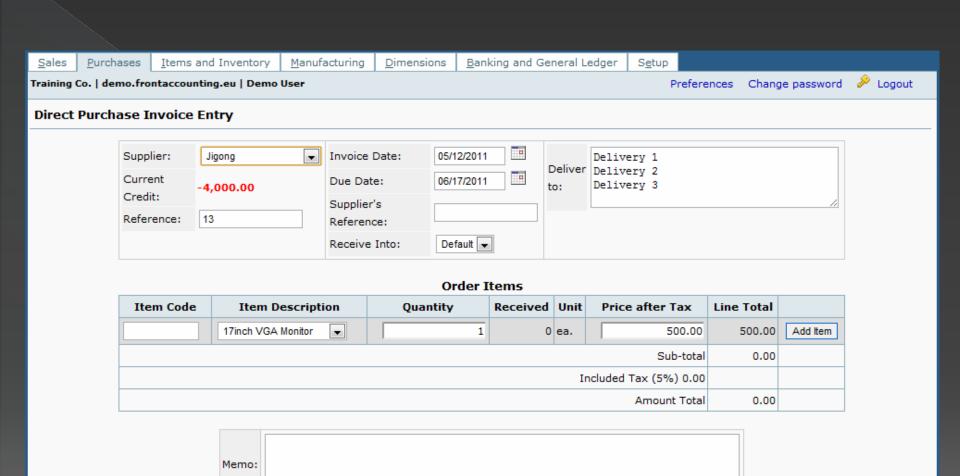
 Application is written in PHP language with use of MySQL database engine.

 Clean separation of database access and business logic from user interface routines.

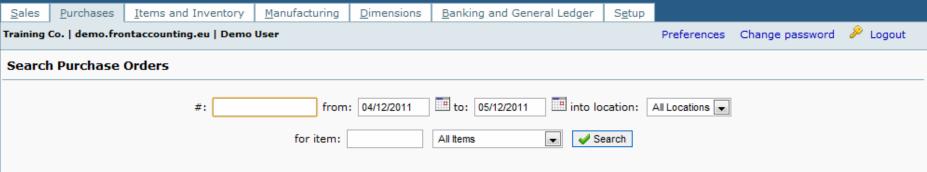
 Separated ui framework and code reuse ensure consistency of modules and easy development of extensions.







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Back

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# Bibliography

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