inoerp / **inoERP** Public

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inoerp x86 _64 4cd2b39 · 3 years ago

assets	2	3 years ago
go	rust_v1	3 years ago
rust	x86 _64	3 years ago
COPYRIGHT.txt	Update COPYRIGHT.txt	4 years ago
LICENSE.txt	Update LICENSE.txt	10 years ago
README.md	Update README.md	3 years ago

README MPL-2.0 license

inoERP is an **OneApp** (Go back-end & Flutter front-end) based enterprise management system. The ERP systems contain all the required modules for running small to midsize businesses. The features are similar to Oracle R12/ Cloud Application and SAP ECC/Hana S/4.

The application uses MySQL database and OneApp JavaScript APIs to create business logic. All the database and javascript codes are available on GitHub.

The client is available for Andriod, iOS, macOS, Windows, and Web.

The server is available for Windows, macOS, and Linux.

Documentation: http://docs.inoerp.com

REST APIs http://api.inoerp.com

Web Demo:

- https https://demo.inoerp.com:8090/

- http http://demo.inoerp.com:8085/

Contact : contact@rikdata.com, rikdata.com@gmail.com

The web client is experimental and doesn't have all functionalities of native clients (Windows/macOS/Andriod/iOS). The performance of the web is also not at the same level as a native client. So, try the application with a native client and use the above URL in your native client.

Server

MySQL

1. Install MySQL Ver 8.0.+
2. Change MySQL settings on the config.json file

```
{
      "dbConnName": "Inoerp",
      "dbType": "MySQL",
      "host": "localhost",
      "portNumber": 3306,
      "dbName": "inoerp",
      "userName": "YourDbUserName",
      "password": "YourDbPassword",
      "connPoll": 5,
      "maxConnPoll": 10,
      "defaultRowLimit": 5
    }
```

3. Import the database

```
mysql -u root -p < /home/files/inoerp.sql
```

database file is available @ assets\db\mysql folder

The import process will create the required inoerp schema.

```
CREATE DATABASE  IF NOT EXISTS `inoerp` /*!40100 DEFAULT CHARACTER SET
utf8mb4 COLLATE utf8mb4_0900_ai_ci */ /*!80016 DEFAULT ENCRYPTION='N'
*/;
```

```
USE `inoerp`;
SET GLOBAL log_bin_trust_function_creators = 1;
```

Ensure ***SET GLOBAL log_bin_trust_function_creators = 1;***

Settings

1. Enter server hostname and port on the config.json file

```
  "application": {
    "protocol": "http://",
    "hostName": "localhost",
    "portNumber": 8085,
    "certFile": "",
    "keyFile": ""
  },
```

2. Change any other settings on the config.json file as per business requirement

Start/Stop

You can start the server like any other application. You can stop the server using OneApp Desktop/Mobile client. You can also send a REST request to Your host/stop to stop the application. To send a stop request, you must have admin authority.

```
./oneapp_win.exe
```

or in Linux

```
nohup ./oneapp_linux &
```

Client

Access the application using any client of your choice. The clients are available for

- Andriod
- Windows

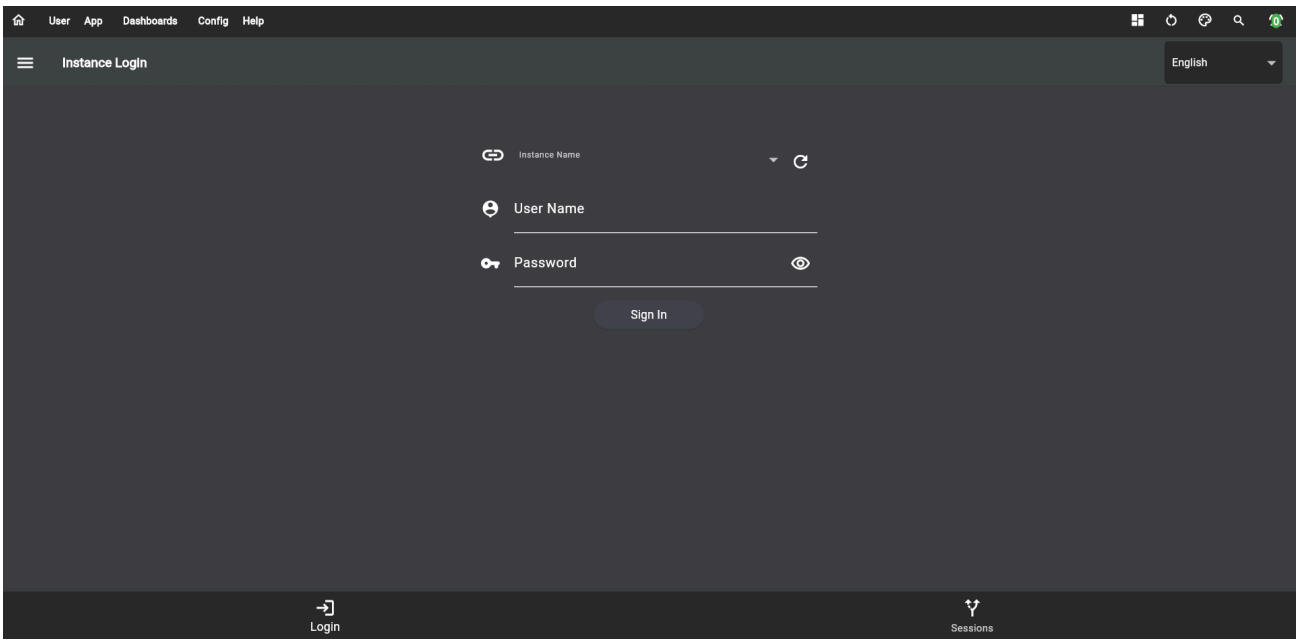
- macOS
- iOS
- Web

Download Client

The console will show you a message stating the host and port when the server starts. Server start should not take more than 10-15 seconds.

```
Starting server @ localhost:8085
```

Open the application in a browser and test that you can login with the default username and password (admin/admin)



Click on the sign-in button, and the system will redirect you to the dashboard.

:::caution

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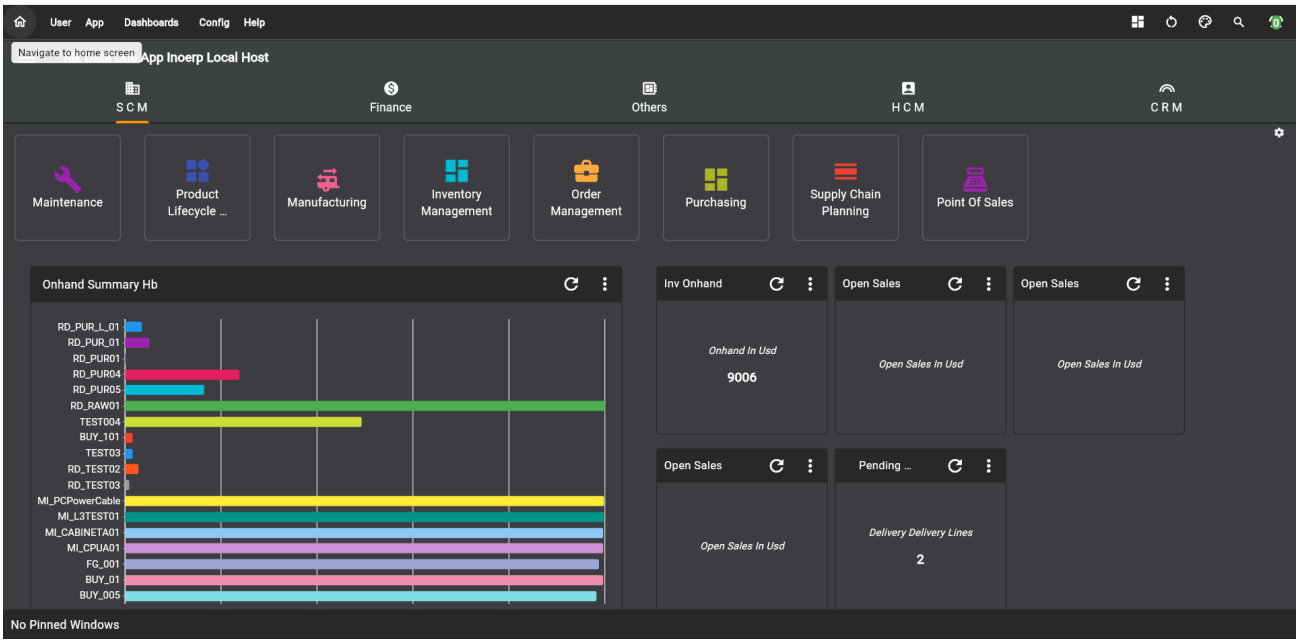
:::



Read how to configure and use any client @ [OneApp]

Modules

Below are the fully functional ERP Modules available in inoERP

General Ledger (GL)

Chart of Accounts inoERP allows a multi-segment accounting structure that you can use to represent all segments of a business transaction. Ex : 001-100-1020202-0100-100 Where 001 – Represents a specific company/business unit /legal entity 100 – Represents a cost center 1020202 – a Natural account such as Asset, Liability, Expense, Income, or Owners Equity

2. Calendars Define as many different financial calendars as required Ex: One calendar INO_CORP for Corporate and INO_USA, INO_UK for specific countries
3. Account Combinations
4. Currency & Conversions
5. Ledger: A set of a calendar, currency, and chart of accounts
6. Banks
7. Journal

Accounts Payable(AP)

1. Suppliers

2. AP Transactions

- 2.1 Invoices
- 2.2 Debit Memo
- 2.3 Credit Memo

3. PO/Transaction Matching
4. Multi select matching
5. AP Payments

- 5.1 Single Invoice Payment
- 5.2 Multi select Payment

6. Transfer Journals to GL

Accounts Receivable(AR)

1. Customer
2. AR Transactions

- 2.1 Invoices
- 2.2 Debit Memo
- 2.3 Credit Memo
- 2.4 Deposit
- 2.5 Guarantee
- 2.6 Charge Back

3. AR Payments

- 3.1 Single Invoice Payment
- 3.2 Multi select Payment

4. Transfer Journals to GL

Fixed Asset Accounting(FA)

1. Asset
2. Depreciation
3. Transactions
4. Configuration

Organizations(ORG)

1. Enterprise Org
2. Legal Org
3. Business Org
4. Inventory Org 5 Address

Inventory (INV)

1. Item Master
2. Unit of Measure
3. Sub inventory
4. Locator
5. Inventory Transactions
6. Material Receipts
    - PO Receipt
    - IR Receipt
    - RMA Receipt
7. Onhand Value
8. Cycle Count
    - Cycle Count Adjustment
    - Cycle Count Approval
9. ABC Analysis

Purchasing (PO)

1. Purchase Order
    - Standard
    - Blanket Agreement
    - Planned PO
2. Requisitions
    - External
    - Internal
3. RFQ / Quote
4. Approval for PO, Requisition

Sales & Distributions (SD)

1. Sales Order - Creation & Auto Booking
2. Sales Picking
3. Delivery & Shipment
4. Auto AR Invoice

Bills Of Material (BOM)

1. Departments
2. Resources
3. Routing
4. BOM
5. Super BOM

Costing (CST)

1. Material Element
2. Material OH
3. Overhead
4. Resources
5. Standard Cost
6. Cost Roll Up
7. Cost Update

Work in Process (WIP)

1. Work Order
2. WIP Move Transactions
3. WIP Resource Transactions
4. WIP Material Transaction
5. WO Completion/Return

Supply Chain Planning (SCP)

1. Forecast
2. MDS
3. MRP
4. Min-Max Planning
    - Multi Bin Min Max

Human Resource (HR)

1. Employee
    - Education
    - Experience
    - Planned PO
2. Job
3. Position
4. Compensation & Payroll
5. Leave System
6. Approval Hierarchy

Basic Features

1. Options
2. Value Groups
3. Transaction Types
4. Custom Reporting
5. Search
6. Multi Select
7. Mass Upload

Admin

1. User
2. Roles and Role Base Access Control
3. Notification
4. Document Approval

Modules Under Development

1. Project System
2. Asset Maintenance
3. HelpDesk

Dynamic pull System

The idea behind inoERP is to provide a dynamic pull-based system where the demand /supply changes frequently and traditional planning systems (such as MRP or Kanban) are incompetent to provide a good inventory turn.

A dynamic pull system is an advanced version of a pull system that encompasses the best feature of the traditional pull system & MRP. The major disadvantage of the conventional Kanban system is the fixed Kanban size and requirement of at least two bins for the entire operation. In a sudden demand decrease, the Kanban system can result in extra inventory, and the value of unused inventory can go up to 2 bin size. Similarly, In case of unexpected demand increases can result in a line down, and the issue will be severe if the lead times are not short.

The dynamic pull system overcomes this issue by recalculating the bucket size (Kanban

Contributors 3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Languages

JavaScript 99.8% **HTML** 0.2%