

 CfgTracker

Product Information

Introduction.

[CfgTracker](#) is a modern Microsoft technologies-based and scalable web-application for project management, task management, time recording and resource planning, extended with financial functions and analytical tools; - from the micro-organizations to the enterprises - for any company-size. The program can be used as an internal system or optionally as a client portal or support system.

Main properties.

- **Platform-independent.** Anytime, anywhere, on any modern device. Web-based system. Supported-browsers: [Microsoft Edge](#), [Google Chrome](#).
- **Microsoft-technology-based.** Modern, Microsoft technologies-based software. ([ASP.NET](#), [Microsoft SQL](#).)
- **Microsoft-compatible.** Compatible with Microsoft products, like e.g.: [Microsoft Excel](#), [Microsoft PowerBI](#).
- **Role-oriented.** Role-dependent and company-dependent permission management system, including the creation of custom roles and other user-related setting opportunities too.
- **Collaboration-oriented.** It supports the internal team-work and the collaboration with clients.
- **Flexible hosting options.** It can be hosted from own IT infrastructure (self-hosted) and from cloud environment too.

Functions.

1. **Localization.** Multi-language display. The system is accessible currently in English and Hungarian languages. Further localizations can be created easily without programming knowledges – by the users too. The localization files are [Microsoft Excel](#) based.
2. **Globalization.** Multiple own-company and site management options.
3. **CRM functions.**
 - Employees and corresponding titles, subcontractors and freelancers handling on company and on location-levels.
 - Clients (companies and private persons, customers and vendors) & contacts management.
 - Web-access for clients optionally.
4. **Project and task management.**
 - Projects, tasks, project teams, task teams, responsible persons and deadlines.
 - Project and task descriptions, specification editor and user-defined HTML templates.
 - Project types, task types, statuses and priorities handling.
 - Project and task-dependent automatic e-mail notifications to the responsible person, to the team and to the client in case of certain events are fired. (E.g.: project status has been changed.)
 - Actual to-dos, own projects and tasks on user-level.
 - Change-logging on project and task-levels. Change-tracking of responsible, deadlines and statuses.

- Reference-task, task-dependency recording option.
 - Project closing and task closing functions.
5. **Resource-planning.** Trackability of resource requirements of projects and tasks. Holidays and public holidays recording opportunities. Interactive timelines in case of projects and users.
 6. **Time-recording.** Spent, invoiceable and internal hours, activity tracking on user-level related to the tasks. Closing and reopening (posting) options for the recorded times.
 7. **Financial functions.** Costs and incomes by plan and fact, profit calculation on project and task-levels. Invoiceable and invoiced projects and tasks.
 8. **Foreign trade.** Multiple currencies and daily exchange rates, automatic currency exchange rate updater service. ([Hungarian National Bank](#) -based.) Own currency handling on company-level, currency-dependent clients, projects and tasks. Automatic currency exchanges and LCY value calculations.
 9. **Charts, reports, analysis.** Searchable, filterable, pageable, sortable, groupable list views, including the options of specifying custom, user-defined compound query conditions too. Project and task efficiency analysis, client and project ranking/classification based on spent and invoiceable times and profit. Fixed-amount based and time-and-material type settlement support. The system has modern, interactive, zoomable and filterable charts, e.g.: Time Chart, Project Chart, Project Analysis. (The software can also be extended with further charts and reports, on basis of requirement.) Furthermore, the system is also compatible with [Microsoft PowerBI](#) report creator program. With its help, end-users can define custom reports and charts by themselves; on graphics user-interface, without programming knowledges. Furthermore, the datasets can also be exported from the system into Excel format (with appropriate permissions). Thus, [Microsoft Excel](#) -based data analysis and charts can also be created.
 10. **Document management.** Employee and project contracts, subcontractor contracts, invoices, proof of performances, specifications, etc. documents, files can be uploaded into the system related to companies, users, clients, projects and task pages.
 11. **Display.** The application is currently available with „Bootstrap” and „Metro” inbuilt themes. The display is responsive.
 12. **Permission management.** Role-based, company-dependent, easily configurable, transparent and well-scalable permission management system. Read, create, update, delete, execute, export, import, etc. permissions are configurable for data-sources, functions, reports. Custom, user-defined roles can also be created.
 13. **Customization.** User-level and unique settings. (E.g.: language and theme – personal settings, 2-factor authentication option, custom list views, permission-dependent dashboard and menu system, etc.) Company dependent settings. (E.g.: currency, currency exchange rates, automatic currency exchange rate loading, change-tracking, etc.) Application-instance-level configuration

options. (E.g.: Enabling to send automatic e-mail notifications, enable to use forgot password function, captcha function, etc., GDPR compliance, document management related settings.)

14. Data migration, IO. [Microsoft Excel](#) support. The data can be easily exported into Microsoft Excel format and additionally, they can also be imported from Microsoft Excel files – in case of appropriate permissions.

15. Integration, data-connection. The system can be easily integrated with invoicing, ERP, CRM and document management systems – thanks to the multi-tier construction and ERP inspired data-structure.

16. Audit log. The system automatically stores the last modifier id and modification date in all cases. Additionally, the system automatically logs the status, responsible, due date, invoiceable, invoiced fields value changes of projects and tasks in all cases. Furthermore, full logging functionality is also available and configurable for projects and tasks.

17. Security. (Including, but not limited to.)

- The accessibility of program can be restricted to private and internal networks optionally.
- The program and its database can also be hosted from chosen servers and beside the application of own (custom) configurations. Therefore, the database can remain within own hand.
- The application is based-on modern Microsoft programming technologies, standards and design-patterns.
- The program is protected against the code-injection type attacks, like e.g.: HTML, JavaScript, SQL, etc.
- The program has inbuilt features against resource-exhaustion type attacks.
- The program is protected against Cross-site request forgery, CORS, Clickjacking, etc. type attacks.
- [HSTS](#) is configurable.
- The program is protected against automatic (bot-type) authentication attempts.
- User account protection related features, like e.g.: password-strength policy, time-lock, auto-lock-out, 2-factor authentication, audit-log, etc. are available.
- Sensitive information (passwords, connection strings, etc.) are stored in encrypted format.
- [TDE](#) real-time database encryption is applicable for the system's database.
- The business logic of software and the source-codes are protected by [obfuscation](#) technology.
- Software update service is available for the solution optionally, as an additional service.

Screenshots.

Home.

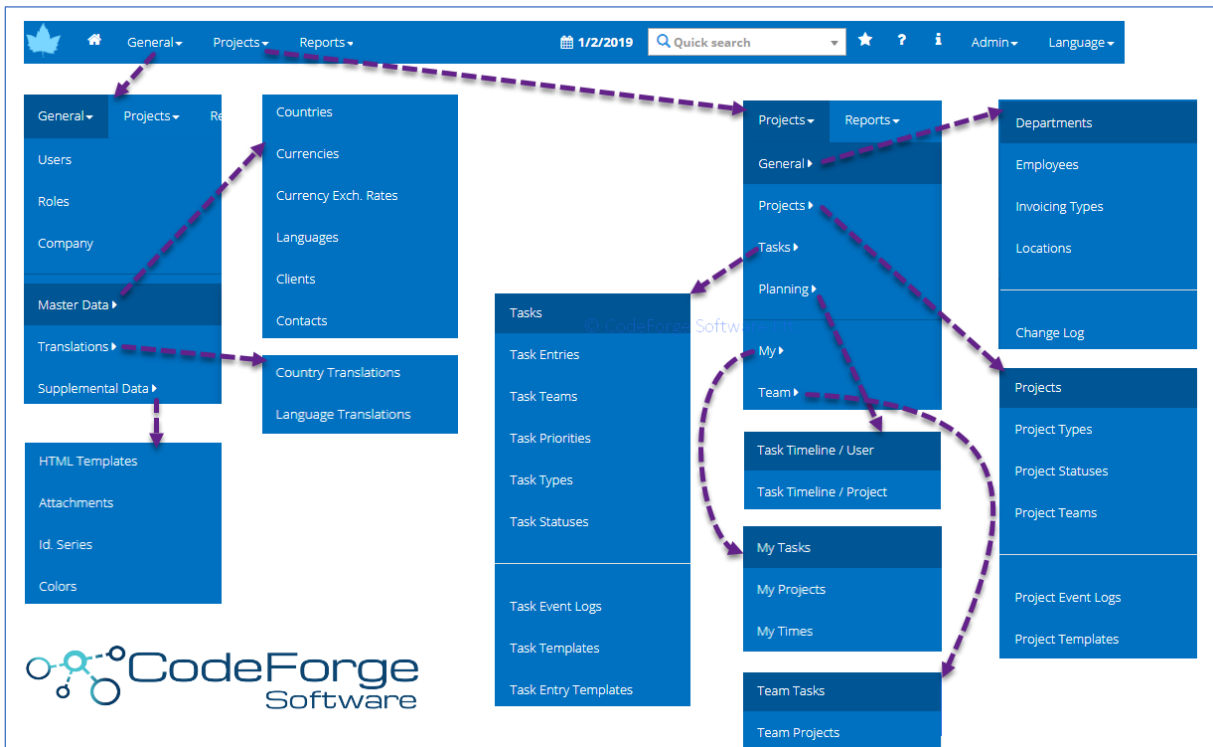
Team Tasks 2	Team Projects 3	My Tasks 1	My Projects 2	My Times (this month) 41.75	Task Timeline / User	Task Timeline / Project
Open Projects 8	Closed Projects 1	Open Tasks 27	Closed Tasks 19			

Home.

Team Tasks 7	Team Projects 5	My Tasks 2	My Projects 2	My Times (this month) 15.50	Task Timeline / User	Task Timeline / Project
Open Projects 6	Closed Projects 3	Open Tasks 22	Closed Tasks 20	Time-recording 84	Open Task Entries 83	Closed Task Entries 1

Home

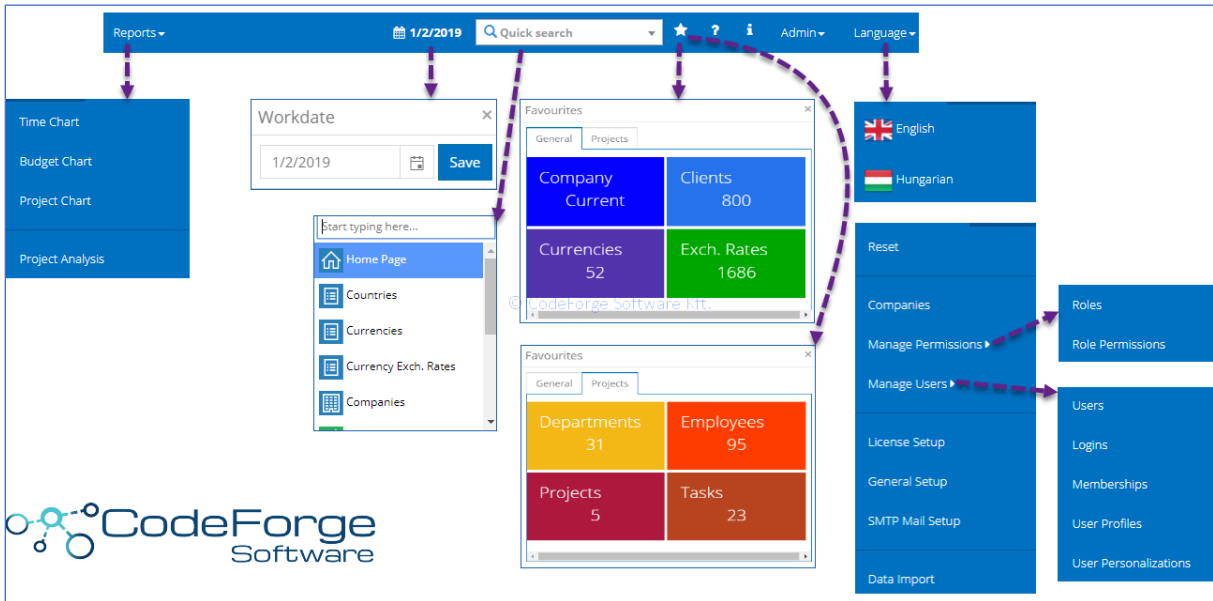
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This screenshot shows the main navigation menu of the CodeForge Software application. The menu is organized into several sections:

- General:** Users, Roles, Company, Master Data, Translations, Supplemental Data, HTML Templates, Attachments, Id. Series, Colors.
- Projects:** Countries, Currencies, Currency Exch. Rates, Languages, Clients, Contacts, Country Translations, Language Translations.
- Reports:** Departments, Employees, Invoicing Types, Locations, Change Log, Projects, Project Types, Project Statuses, Project Teams, Project Event Logs, Project Templates.
- Tasks:** Task Entries, Task Teams, Task Priorities, Task Types, Task Statuses, Task Event Logs, Task Templates, Task Entry Templates.
- My:** Team, Task Timeline / User, Task Timeline / Project, My Tasks, My Projects, My Times.
- Team:** Team Tasks, Team Projects.

A dashed purple line traces a path from the top navigation bar through various menu items, including 'Projects', 'Reports', 'Tasks', 'My', and 'Team'.



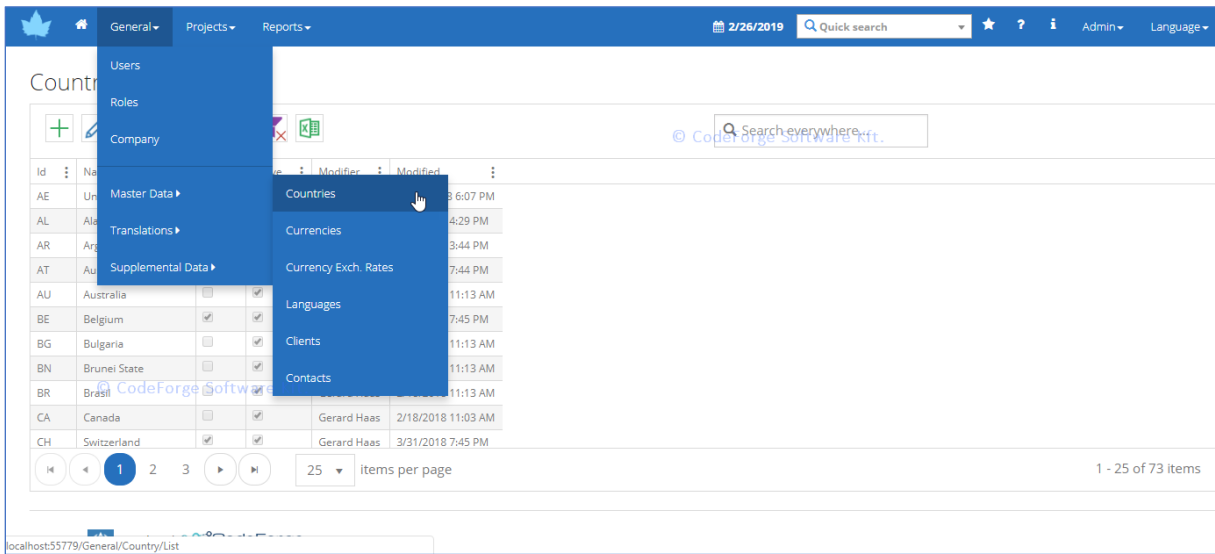
This screenshot shows a dashboard area with several components:

- Left Panel:** Time Chart, Budget Chart, Project Chart, Project Analysis.
- Workdate:** A date selector showing '1/2/2019' with a 'Save' button.
- Favourites (Top):** A grid of data points:

Company Current	Clients 800
Currencies 52	Exch. Rates 1686
- Favourites (Bottom):** Another grid of data points:

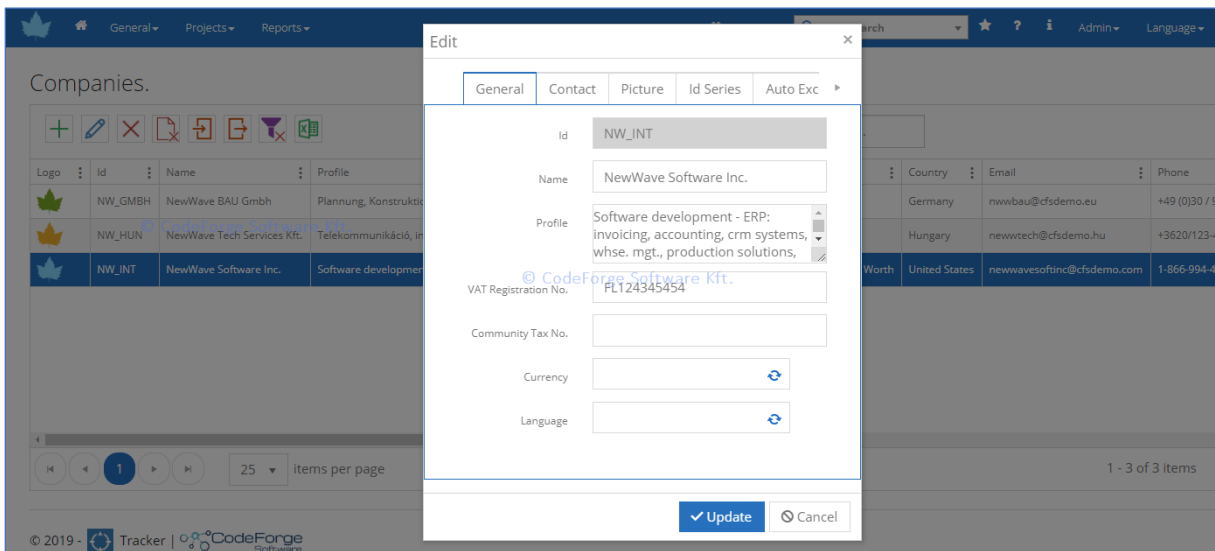
Departments 31	Employees 95
Projects 5	Tasks 23
- Right Panel:** Language selection (English, Hungarian), Reset, Companies, Manage Permissions, Manage Users, License Setup, General Setup, SMTP Mail Setup, Data Import.
- Bottom Right Panel:** Roles, Role Permissions, Users, Logins, Memberships, User Profiles, User Personalizations.

A dashed purple line traces a path from the top navigation bar through the 'Favourites' dashboard, the 'Manage Users' option, and the 'Users' menu item.

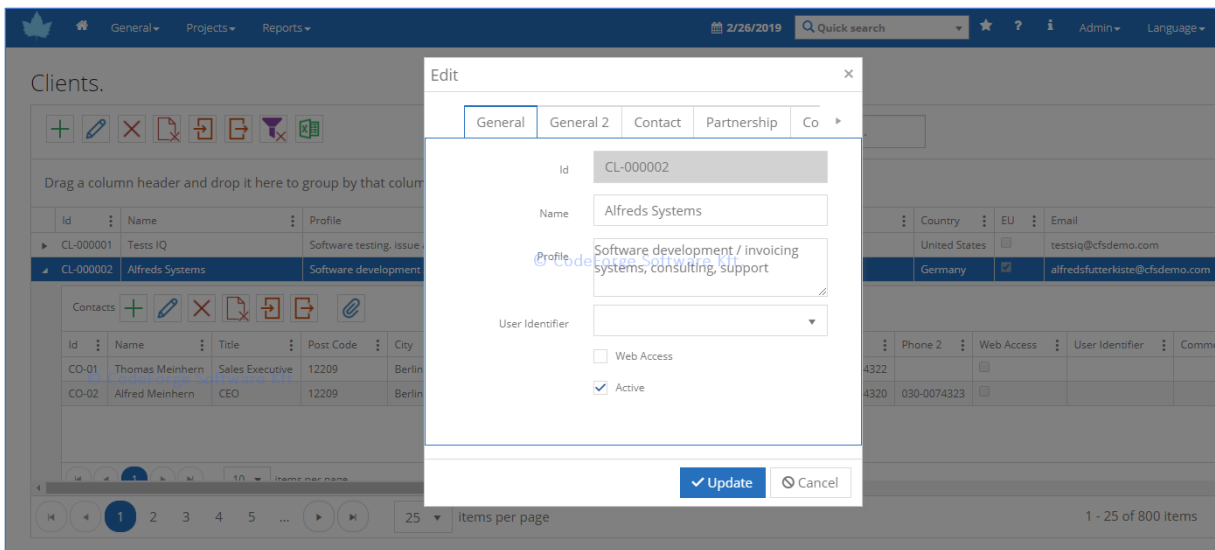


The screenshot shows a table of countries with columns for Id, Name, and Modified. A dropdown menu is open over the table, listing various system components. The 'Countries' option is highlighted.

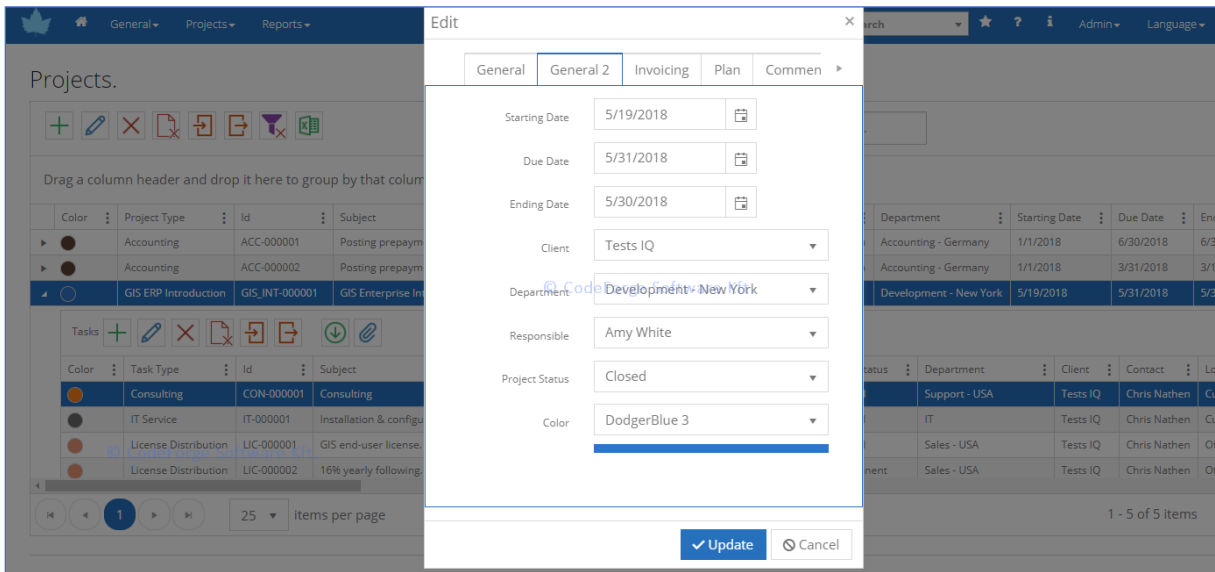
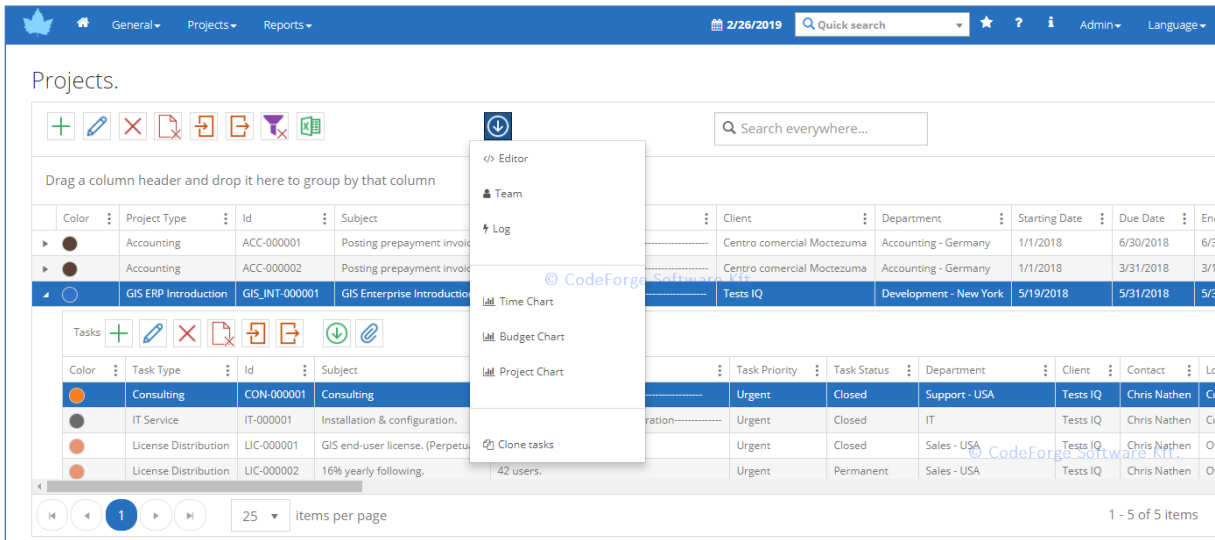
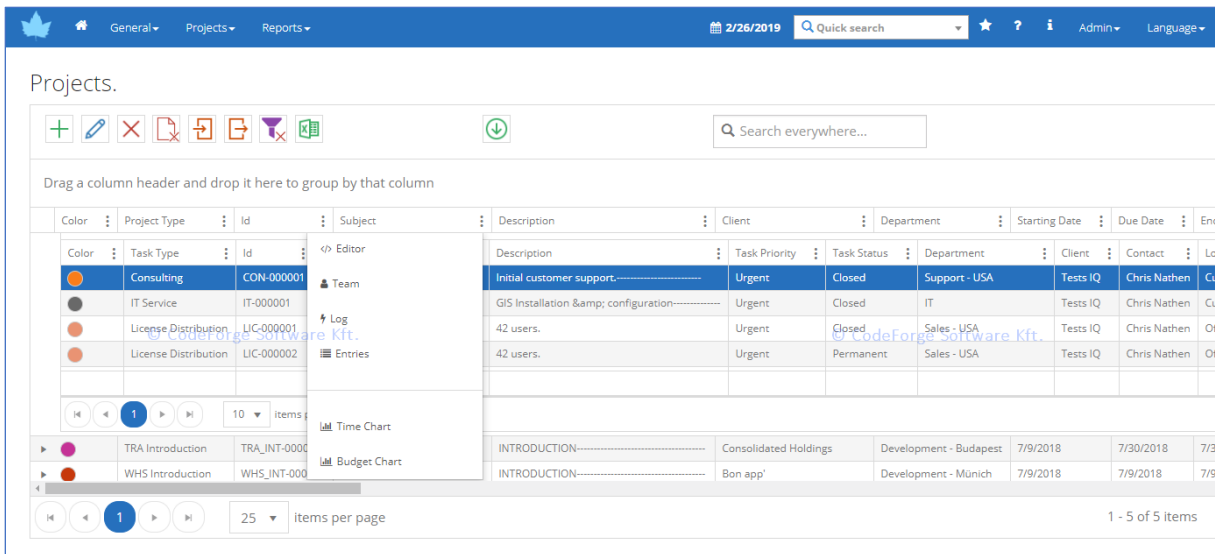
Id	Name	Modified
AE	United Arab Emirates	3/31/2018 6:07 PM
AL	Albania	3/31/2018 4:29 PM
AR	Argentina	3/31/2018 3:44 PM
AT	Austria	3/31/2018 7:44 PM
AU	Australia	3/31/2018 11:13 AM
BE	Belgium	3/31/2018 7:45 PM
BG	Bulgaria	3/31/2018 11:13 AM
BN	Brunei Darussalam	3/31/2018 11:13 AM
BR	Brazil	3/31/2018 11:13 AM
CA	Canada	3/31/2018 11:03 AM
CH	Switzerland	3/31/2018 7:45 PM

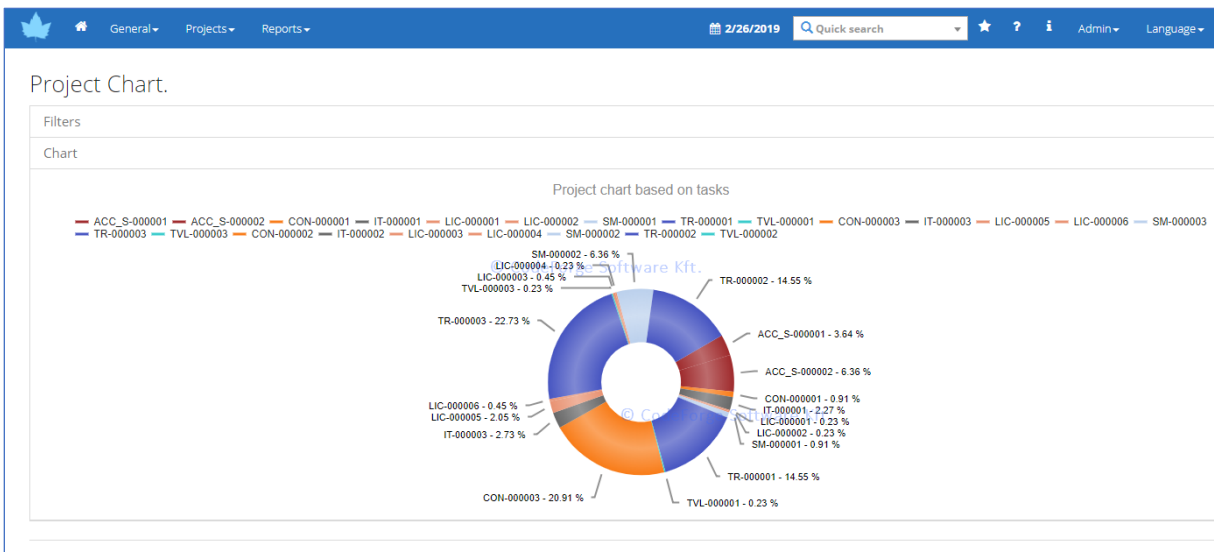
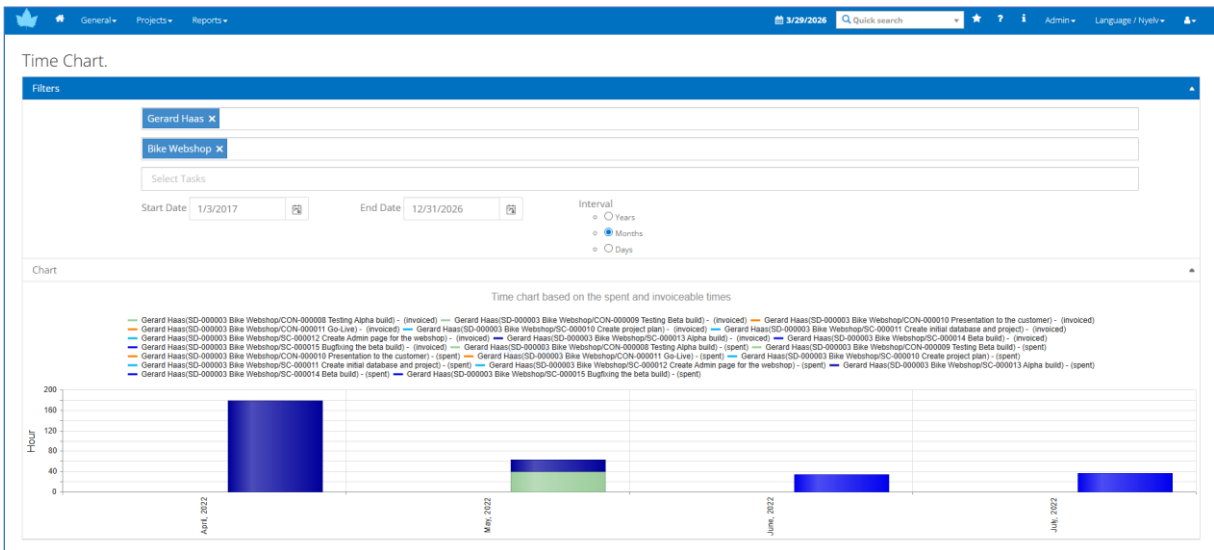
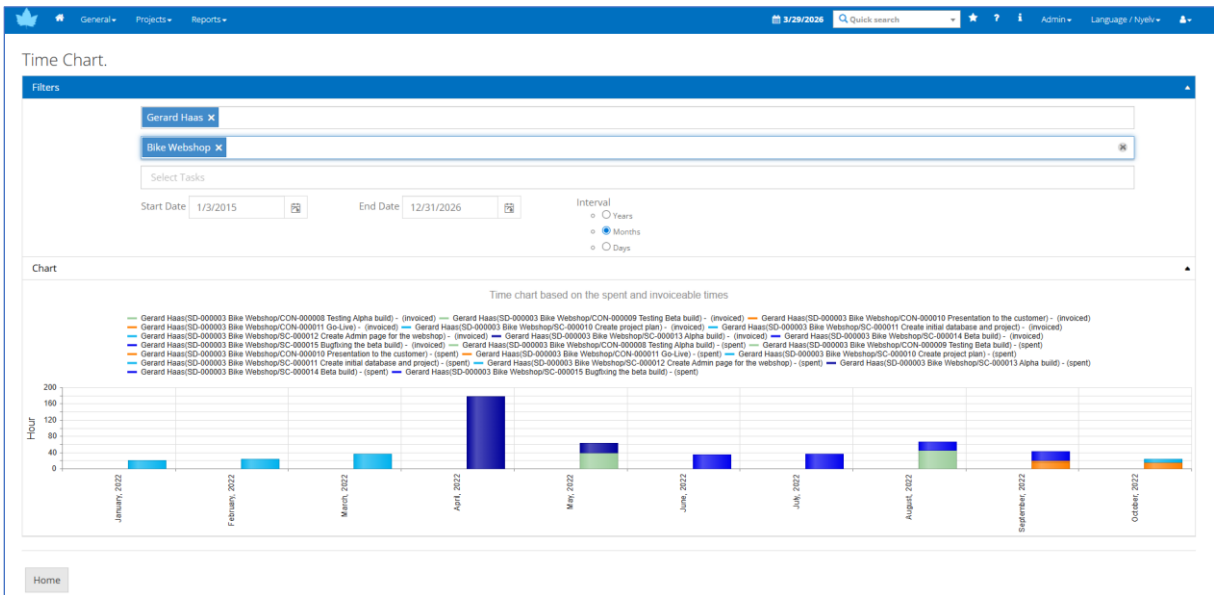


The screenshot shows the 'Edit' dialog for a company. The 'General' tab is active, showing fields for Id, Name, Profile, VAT Registration No., Community Tax No., Currency, and Language. The 'Update' button is highlighted.



The screenshot shows the 'Edit' dialog for a client. The 'General' tab is active, showing fields for Id, Name, Profile, User Identifier, Web Access, and Active checkbox. The 'Update' button is highlighted.



Project Analysis.

Drag a column header and drop it here to group by that column

Color	Project Type	Project Id	Project	Client Id	Client	Starting Date	Due Date	Ending Date	Document Date	Project Status
●	Accounting	ACC-000001	Posting prepayment invoices	CL-000014	Centro comercial Moctezuma	1/1/2018	6/30/2018	6/30/2018	7/12/2018	New
●	Accounting	ACC-000002	Posting prepayment invoices	CL-000014	Centro comercial Moctezuma	1/1/2018	3/31/2018	3/15/2018	7/12/2018	New
●	GIS ERP Introduction	GIS_INT-000001	GIS Enterprise Introduction.	CL-000001	Tests IQ	5/19/2018	5/31/2018	5/30/2018	5/19/2018	Closed

Drag a column header and drop it here to group by that column

Color	Task Type	Task Id	Task	Starting Date	Due Date
●	Consulting	CON-000001	Consulting	6/9/2018	6/9/2018
●	IT Service	IT-000001	Installation & configuration.	6/7/2018	6/9/2018
●	License Distribution	LIC-000001	GIS enterprise license (Perpetual)	6/9/2018	6/9/2018
●	License Distribution	LIC-000002	16% yearly following.	6/9/2018	6/9/2018

25 items per page 1 - 5 of 5 items

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Task Timeline / User.

Filters Pdf Refresh

Today Sunday, May 20, 2018 - Saturday, May 26, 2018

	20.05.2018 Sun	21.05.2018 Mon	22.05.2018 Tue	23.05.2018 Wed	24.05.2018 Thu	25.05.2018 Fri	26.05.2018 Sat
Gerard Haas	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM
Gipsz Jakab							
Teszt Elek							
General Leader							
Guy Gilbert							
Kevin Brown							
Roberto Tamburello							
Rob Walters							
Thierry D'Hers							
David Bradley							
JoLynn Dobney							
Ruth Ellerbrock							
Gail Erickson							
Barry Johnson							
Jossef Goldberger							

Project: ACC-000001
Id: ACC_S-000001
Subject: Posting
From: 1/1/2018 5:46 PM
To: 6/30/2018 4:46 PM

Posting

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Team Tasks 7	Team Projects 5	My Tasks 2	My Projects 2	My Times (this month) 0	Task Timeline / User	Task Timeline / Project
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