

# Yusuf Tezcan

Computer Engineer

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## SUMMARY

I am a professional software engineer, can design, code and document enterprise software for desktop, web, mobile and embedded platforms. I am fluent in Java and C# and I have considerable experience with various programming languages and software frameworks.

I deliver actual working software on time and on budget with extremely high quality while keeping the source code well-documented, fault-tolerant, scalable, backward-compatible and performant.

## SPECIALTIES

Software Engineering, Software Architecture, Enterprise Software Development, Machine Learning, Algorithmic Trading, User Experience, Software Risk Management, Product Management, Agile Software Development, Prototyping

## TECHNICAL SKILLS

### Programming Languages and Technologies

Java, C#, ASP.NET, Hibernate, LINQ, SQL, Javascript/AJAX, C, MQL, SOAP, RESTful Web Services, Windows Services, Linux Daemons, CSS3, SCSS, JSON, XML, HTML5, Mono, PHP, JMS

### Frameworks, Libraries and Tools

Vaadin, Spring, ASP.NET MVC, Entity Framework, Hibernate, PrimeFaces, WCF, WPF, QuickFIX/J, Bloomberg API, JQuery, AngularJS, JMS, TIBCO, ActiveMQ, Velocity, CXF, Axis, Memcached, Ehcache, Android SDK

### Databases

Oracle, MS SQL, PostgreSQL, Sybase, MySQL, HyperSQL, SQLite, FirebirdSQL

### Server Software

IBM WebSphere, Apache Tomcat, Apache2, IIS7, Glassfish, JBOSS, Jetty

### Operating Systems

Ubuntu Server, CentOS, Windows Server 2008, Open Suse, Android OS, iOS, Raspbian

### Version Control

CVS, Subversion, Git

### Wireframing and Graphics Editing

Corel Paintshop Pro, GIMP, Balsamiq

## WORK EXPERIENCE

### Contractor

January 2017 – Present, Mersin

- ✓ Worked with mid-sized businesses as well as with startups from the United Kingdom and the United States.

### Software Product Development Team Lead

Globit Global Information Technologies Inc.  
March 2013 – January 2017, TUBITAK MAM Gebze

- ✓ Architectural design, prototyping and development of enterprise software applications.
- ✓ Mentoring and leading project development teams
- ✓ Helping with estimation and budgeting, planning and roadmaps, pre-sales and technical proposals,
- ✓ Scale the organization to support multiple fast-paced product launches
- ✓ Hiring and annual performance reviews.

### Lead Software Engineer

Sentrilyon Information Technologies Ltd.  
March 2011 – February 2013, Istanbul

### Software Engineer

Turatel Mobile Media Communications Ltd.  
November 2008 – June 2010, Antalya

### Intern Engineer

BOTAŞ Petroleum Pipeline Corporation  
August 2007 – October 2007, Hatay

## EDUCATION

### Bachelor of Science in

### Computer Engineering (English)

Cyprus International University (2003-2008)  
CGPA: 3.41/4.00

### Honors and Awards

Outstanding Success Scholarship (100%)

## LANGUAGES

English, Full professional proficiency  
Turkish, Native

## PERSONAL DETAILS

Birthday: 09.05.1984

Military Status: Completed (2011)



# Recommendations

Please visit my [LinkedIn Profile](#) for my recommendations or view them copied below.

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**Ozan Vakar****CEO at Globit**

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Yusuf is one of the most talented software engineers I worked with. He always delivered high quality software even earlier than the dead-lines. His ambition to learn makes him a good researcher enabling developing innovative solutions to users needs. Yusuf is also very organised person which makes him an excellent team leader. I strongly recommend him for organisations looking for talent.

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**Semih Emiral****COO at Globit**

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Yusuf is a very good senior software developer and always try to deliver projects on time/quality/cost by combining his technical skills and professional qualifications in software development methodologies/documentation, teamwork, communication etc.

Yusuf's strong technical skill-set and background, coupled with the finance domain knowledge and experience that he gained in Globit, will help him to achieve his long-term goal of becoming a chief architect.

While working with Yusuf, you can see his ability to perform at complex project environment immediately by using following skills;

- Strong technical skills
- Willingness to learn
- Problem-solving skills
- Passion for the work
- People skills

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**Dogan Erdogant****Senior Architect at Invstr**

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It's rare that you come across standout talent like Yusuf. I hired Yusuf as a software engineer in 2008, then had the pleasure of working with him for two years at Turatel. Yusuf's ability to juggle multiple projects was unlike any I've seen before and made a dramatic difference in the productivity of team. His IT knowledge, quick, simple and elegant solutions against to problems that we faced always impressed me. I never guided or manipulated him, just gave guidance to target, and boom! ...like a Tomahawk. As a team member or a leader or a manager, Yusuf earns my highest recommendation.

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**M. Aykut SAY****Expert at Garanti Teknoloji**

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Yusuf is most likely one of the best professional to work with I've ever met. Proactive, ambitious and also committed perfectionist. Yusuf assumed a leadership role in Globit, inspiring and motivating his colleagues. Energetic, detail oriented and broad-minded team leader&player. I would recommend him with any project that requires the very best in management and engineering execution.

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**Volkan Ozdemir****Team Leader at Globit**

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Yusuf is a motivated, forward thinking and intelligent technical expert with deep knowledge of product management and software architecture. He has a very strong work ethic. His performance at Globit was golden. Through the years, we worked on various projects and I was impressed by his manner of doing a great job.

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**Ufuk Aslan****Professional Service Technical Expert at Globit**

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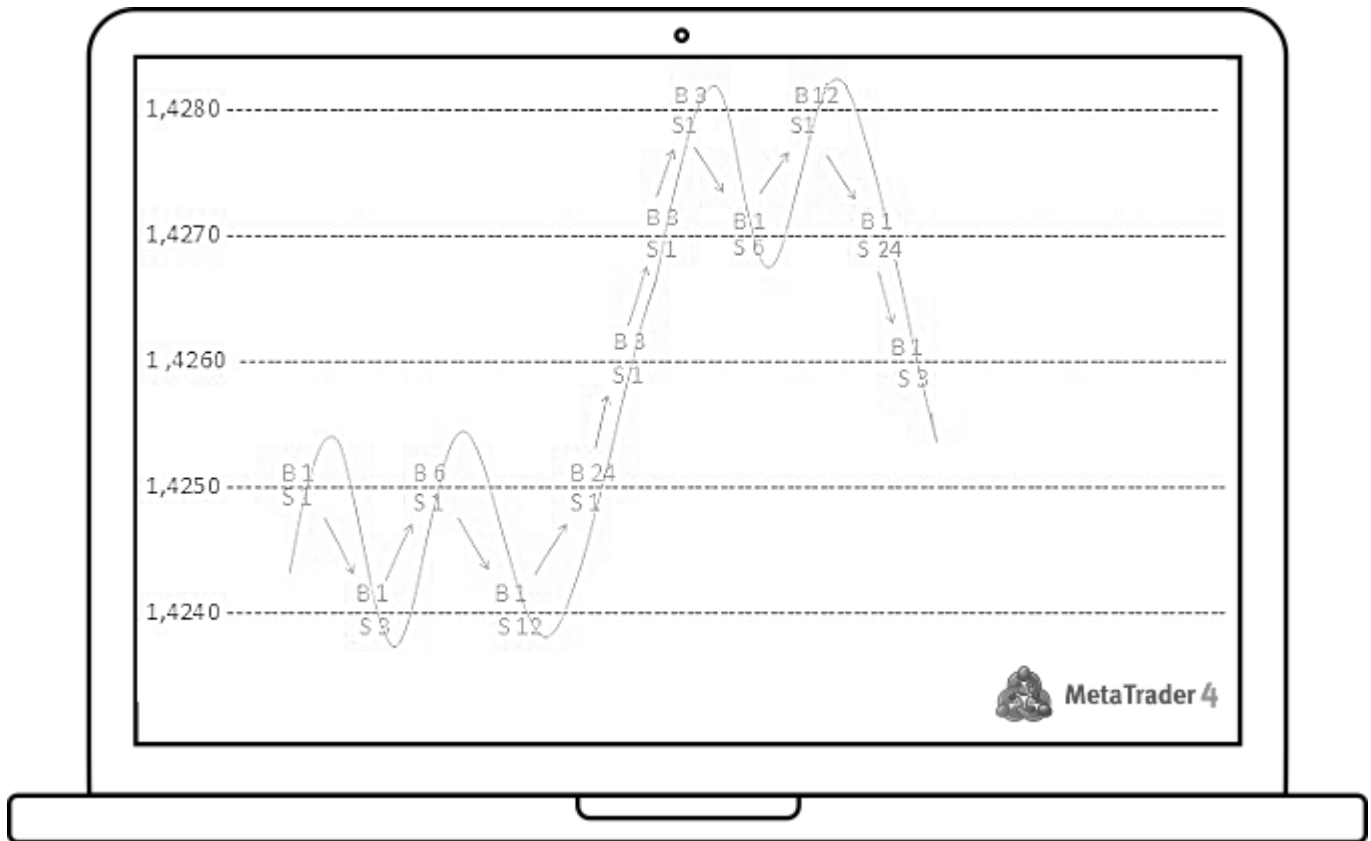
Few people have the opportunity to work with Yusuf. I had the pleasure of meeting with him. I was particularly impressed by his ability to handle even the toughest clients and obstacles. No matter how tense a meeting, Yusuf made sure everyone left with full satisfaction in friendly manner. As a team member or a leader, Yusuf earns my highest recommendation.

# Selected Projects

## Double Hedge Algorithmic Trading System

2018

An algorithmic trading system which uses double hedging strategy based on martingale probability theory.



### Platforms



MetaTrader4



RESTful Web  
Services

### Technologies

MQL (MetaQuotes), Java, Hibernate, Apache CXF, PostgreSQL, Tomcat, Log4J

LAMS allows loan brokers to compare loans from multiple providers and apply for loans by requesting a soft credit search. It is integrated with major loan providers from the United Kingdom through SOAP and REST.

The screenshot shows a web application interface for a 'NEW LOAN APPLICATION'. On the left is a sidebar menu with categories: Dashboard (Summary), Loan Application (Loan Application List, Application Form, Bulk Upload), Reports (User Activity Report, Loan Provider Report, Client Report), Administration (User Management, Loan Provider Settings), and About (Version Information). The main content area is titled 'NEW LOAN APPLICATION' and features a user profile 'Michael' in the top right. Below the title are five provider toggle switches: FLEXY, H&T, OAKBROOK, BAMBOO, and EVERYDAY, each with 'ON' and 'OFF' buttons. The form is divided into three sections: 'LOAN DETAILS' with fields for Loan Amount (£1000), Loan Duration (12), Number of Payments (12), and Loan Reason (Consolidation); 'BARROWER DETAILS' with fields for Title (Mr), Name, and Middle Name; and 'EMPLOYMENT INFORMATION' with fields for Primary Income (Full-Time), Employer Name, Work Phone, Role, Pay Frequency (Monthly), Paid into Bank (Yes), Payment Method (One Account), and Industry (Engineering).

## Platforms



Web  
Application



Web Services



Windows  
Services

## Technologies

Java, C#, Windows Services, Vaadin, Hibernate, Apache CXF, PostgreSQL, Tomcat, Memcached, Apache Velocity, Quartz Scheduler, Apache POI, Log4J, CSS3, JQuery

Easiphones makes smart-phones suitable for seniors and people with eye diseases with its custom home, contacts, dialer, messages, health, SOS apps.



## Platforms

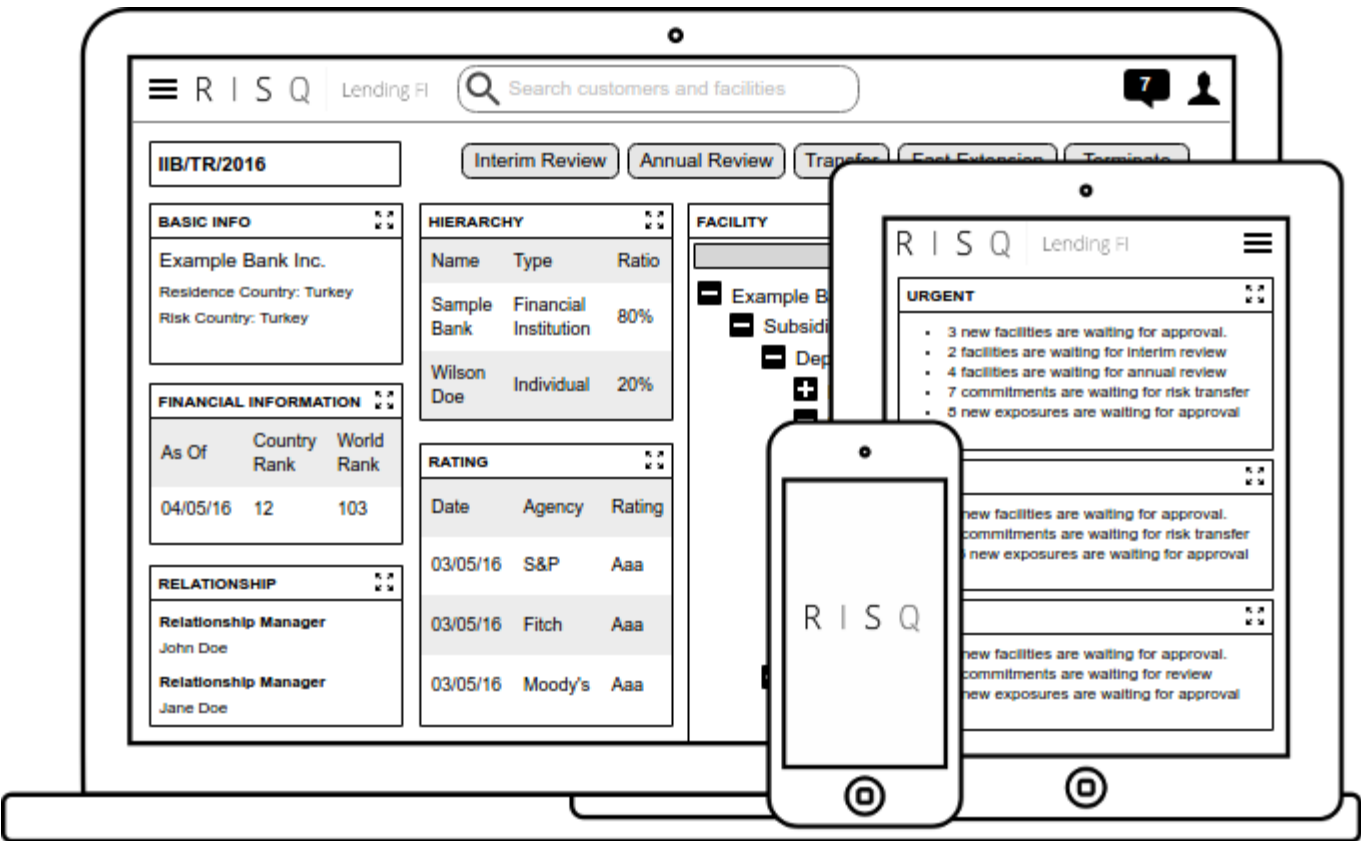


Android  
Application

## Technologies

Android, Java

RISQ FI allows clients to monitor risk appetite, credit facilities, and drawdowns, from initiation to approval or interim reviews in a collaborative UI which has dedicated dashboards for the relationship manager, credit approvers or heads of credit.



Platforms



Web Application



iOS Web Application



Android Web Application

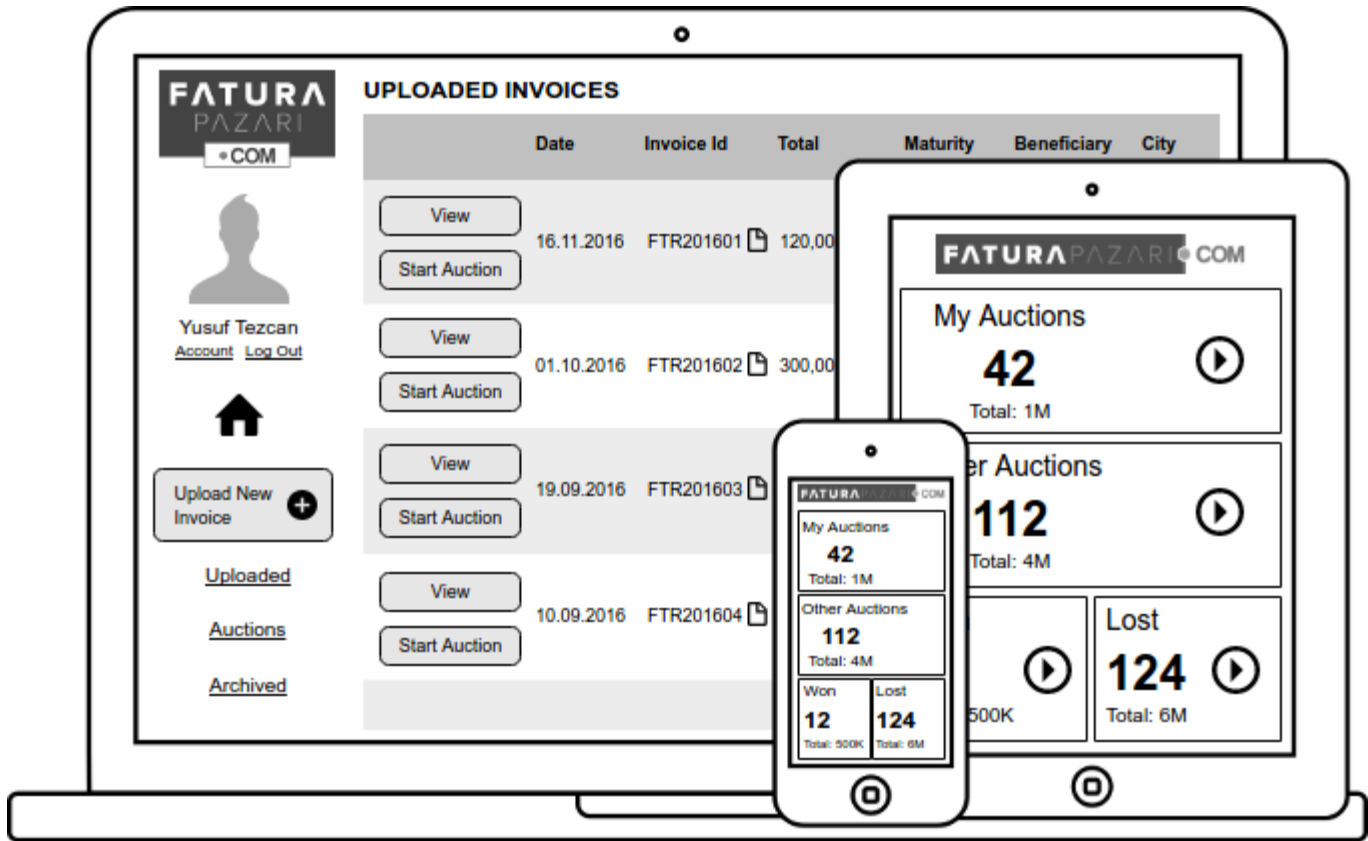


Web Service

Technologies

Java, Vaadin, Hibernate, Apache CXF, Apache Axis, MsSQL, WebSphere, Tomcat, IBM BPM, Memcached, DocSafe, JMS, TIBCO, ActiveMQ, Apache Velocity, Machine Learning (C4.5), Quartz Scheduler, Control-M, Apache POI, Log4J, CSS3, JQuery

FaturaPazari.com helps business receive immediate capital through web platform for unpaid invoices. The platform supports both invoice factoring and invoice discounting.



## Platforms



Web  
Application



Native iOS  
Application



Native  
Android  
Application



Web Service

## Technologies

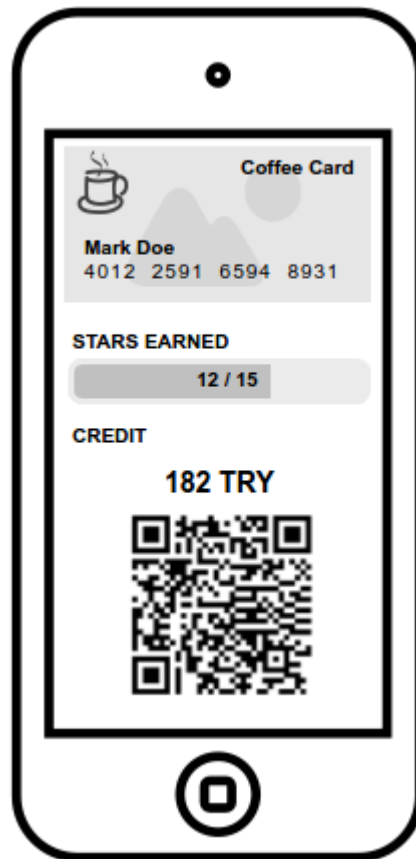
Java, C#, Vaadin, Xamarin, Hibernate, PostgreSQL, Tomcat, Apache POI, Apache PDFBox, CSS3, JQuery

## Partnerships



**PhillipCapital**  
Menkul Değerler A.Ş.

A prototype that connects to Coffee Machines via CCI interface. Payments can be done by native mobile phone applications with generated QR codes.



### Platforms



Web  
Application



Native iOS  
Application



Native  
Android  
Application



Web Service



Raspberry Pi

### Technologies

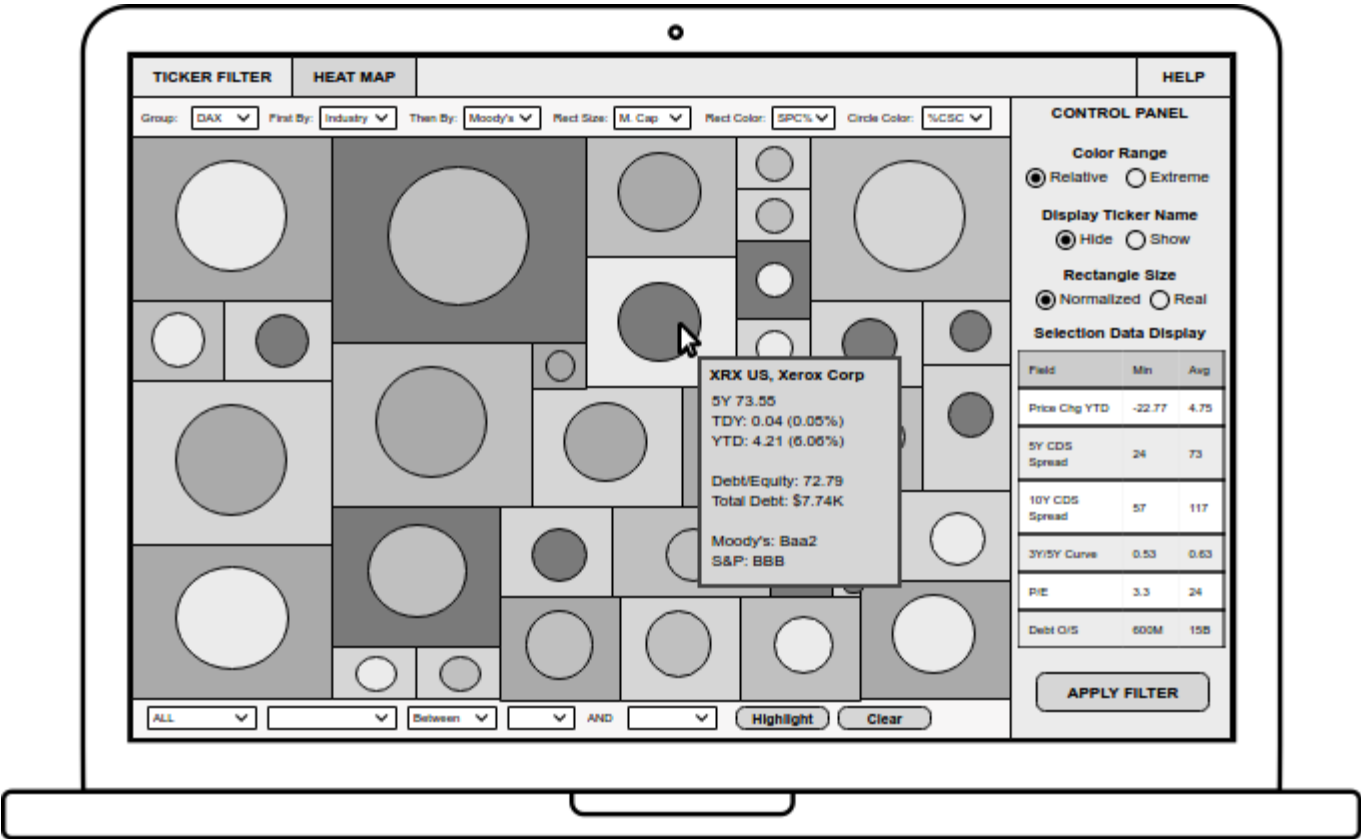
Java, Objective-C, Vaadin, Android SDK, iOS SDK, Raspberry Pi, Coffee Credit Interface, Hibernate, PostgreSQL, Tomcat, Apache POI, CSS3, JQuery

### Partnerships





CDS HeatMap enables traders to see the performances of hundreds of companies at each of those markets at the same time.



Platforms



Windows  
Application

Technologies

C#, Windows Presentation Foundation, Machine Learning (C4.5)

Funded by



High-Frequency Trading Engine is developed to place market orders to Borsa Istanbul under 10 ms. The trading engine provides infrastructure for arbitrage trading algorithms.



#### Platforms



Windows  
Service

#### Technologies

Java, FIX, QucikFIX, TCP Sockets, Log4J 2 (with asynchronous logging)

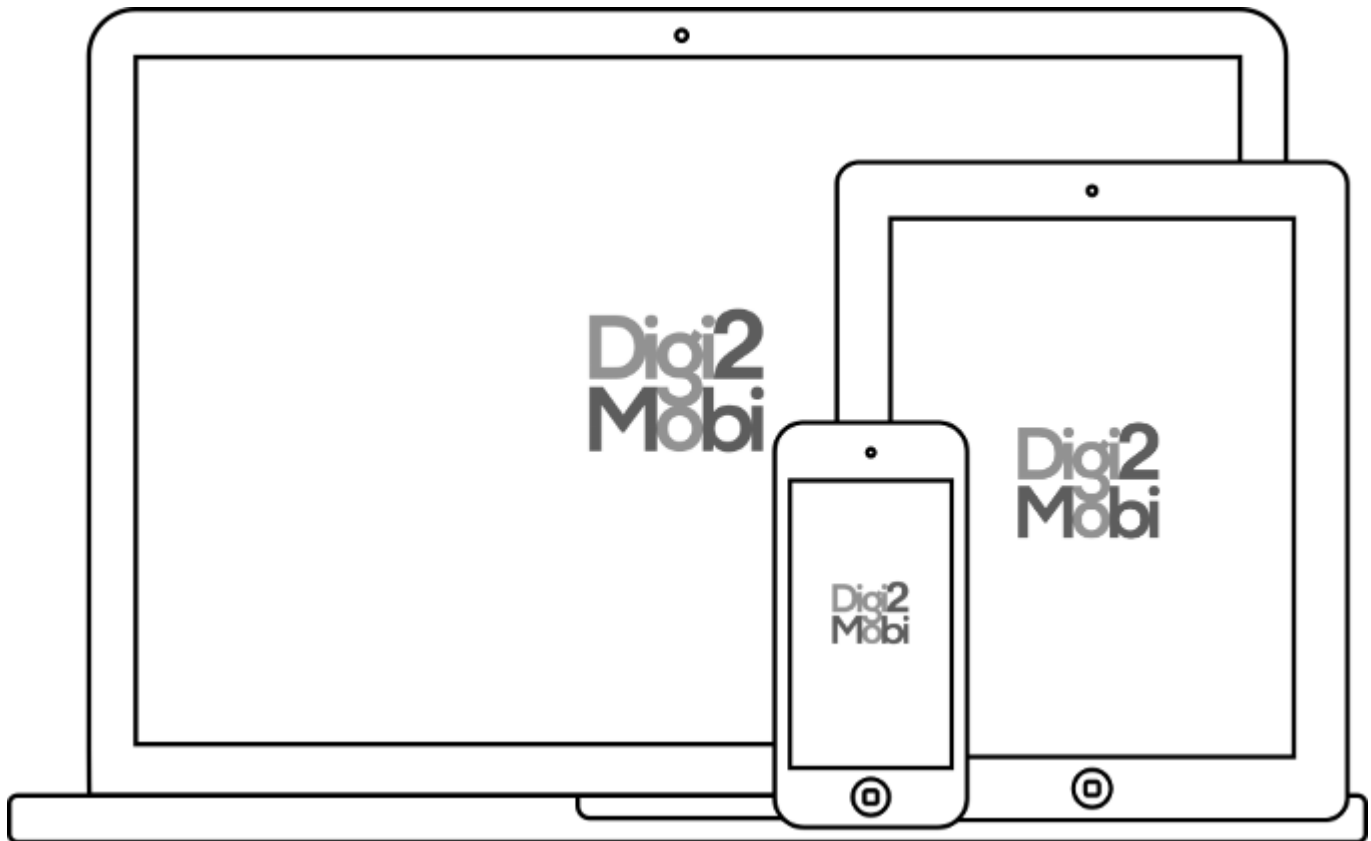
#### Partnerships



**PhillipCapital**  
Menkul Değerler A.Ş.

SMS services, serving for all 3 GSM operator subscribers, offer the following features to horse racing and soccer bettors:

- ✓ The latest race results
- ✓ Forecasts from experts for pick six, daily double bet, etc bets.
- ✓ Weather and field status
- ✓ Access to all information through subscription
- ✓ Query the live game results.
- ✓ Ready to play bets from experts.
- ✓ Automated end-game score senders
- ✓ Automated goal notifiers



#### Platforms



Web  
Application



Web Service

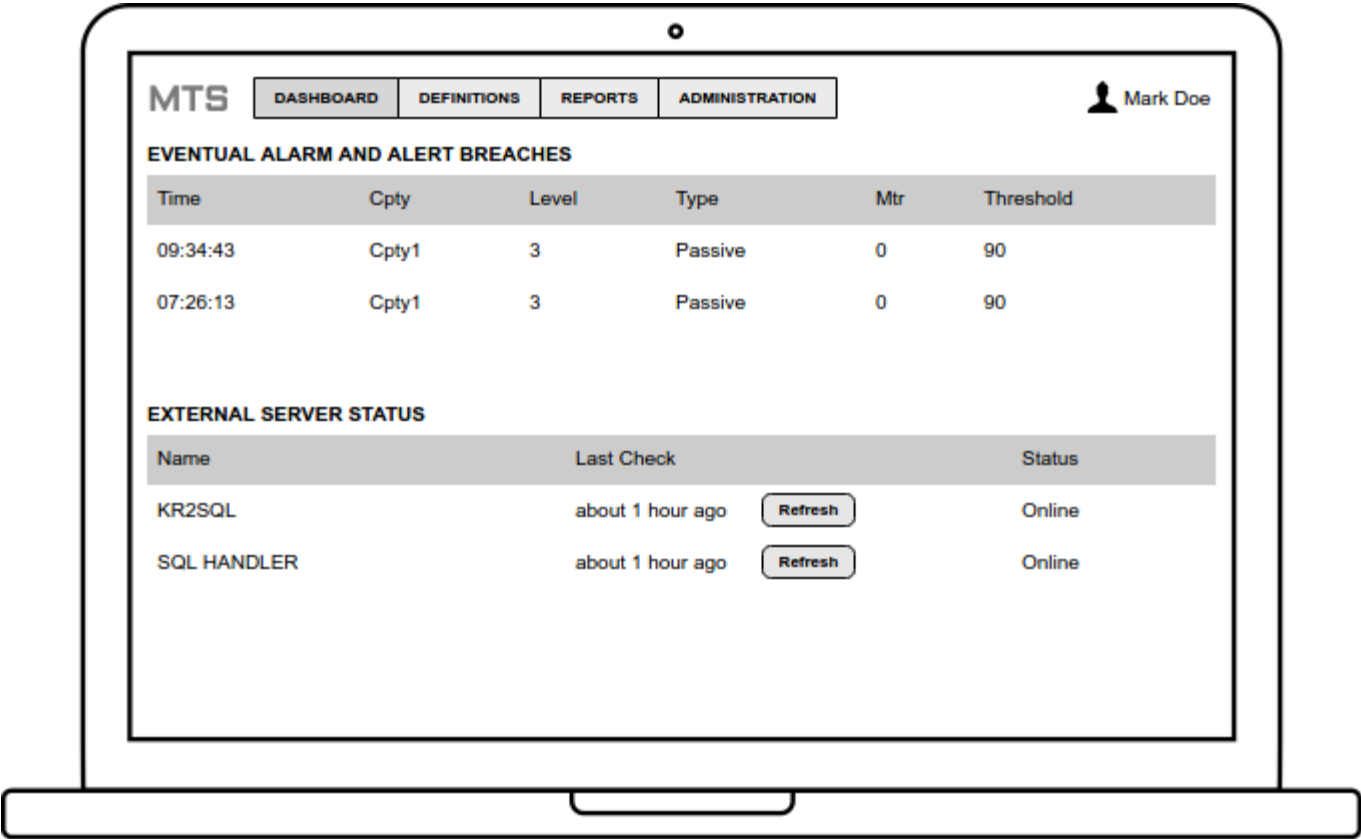


Linux  
Daemons

#### Technologies

Java, JSF, PostgreSQL, PL/pgSQL, ActiveMQ, PHP, SOAP, Apache Axis

A Margin Trading System for investment enterprise.



Platforms



Web Application



iOS Web Application



Android Web Application

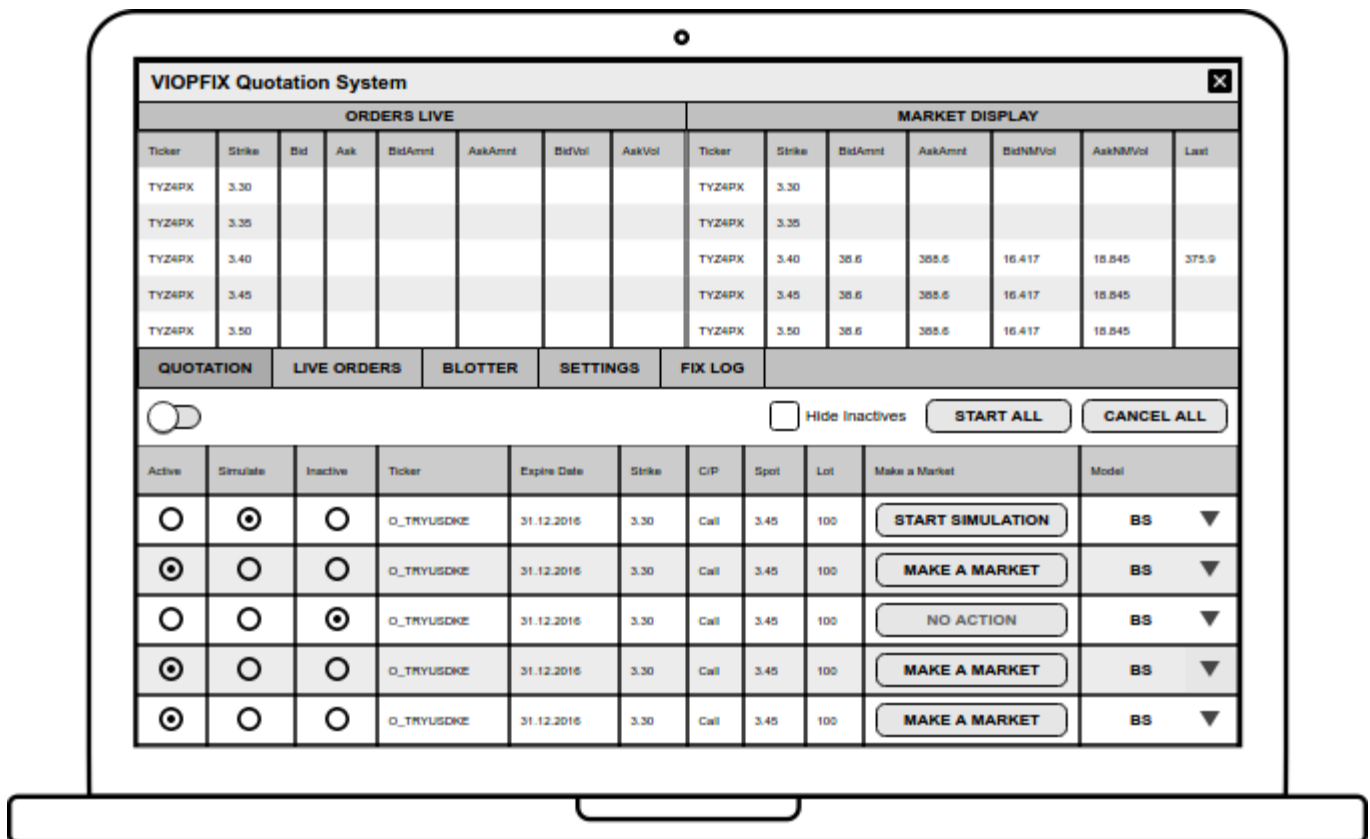


Web Service

Technologies

Java, Vaadin, Hibernate, MsSQL, WebSphere, Tomcat, Apache POI, Log4J, CSS3, JQuery

VIOPFIX QS is an automated quotation system that delivers executable orders to Borsa Istanbul Derivatives Exchange, based on VIOPFIX API certification. Option prices calculated and synchronized with Bloomberg's OVML function and users can enable custom trading algorithms.



## Platforms



Windows  
Application



Windows  
Service

## Technologies

C#, Windows Presentation Foundation, Java, FIX, QucikFIX, TCP Sockets, Bloomberg B-PIPE API, Bloomberg Desktop API, Hibernate, MsSQL Server, HyperSQL, Log4J 2 (with asynchronous logging)

## Partnerships

**Bloomberg**

Timeviser is a smart solution to track working hours, manage clients and projects, create customized invoices to clients. Timeviser automatically collects user's location history, call history and e-mail history and provides auto-filling user's timesheet by using machine learning algorithms.



### Platforms



Web  
Application



Native iOS  
Application



Native  
Android  
Application



Windows  
Application



Web Service

### Technologies

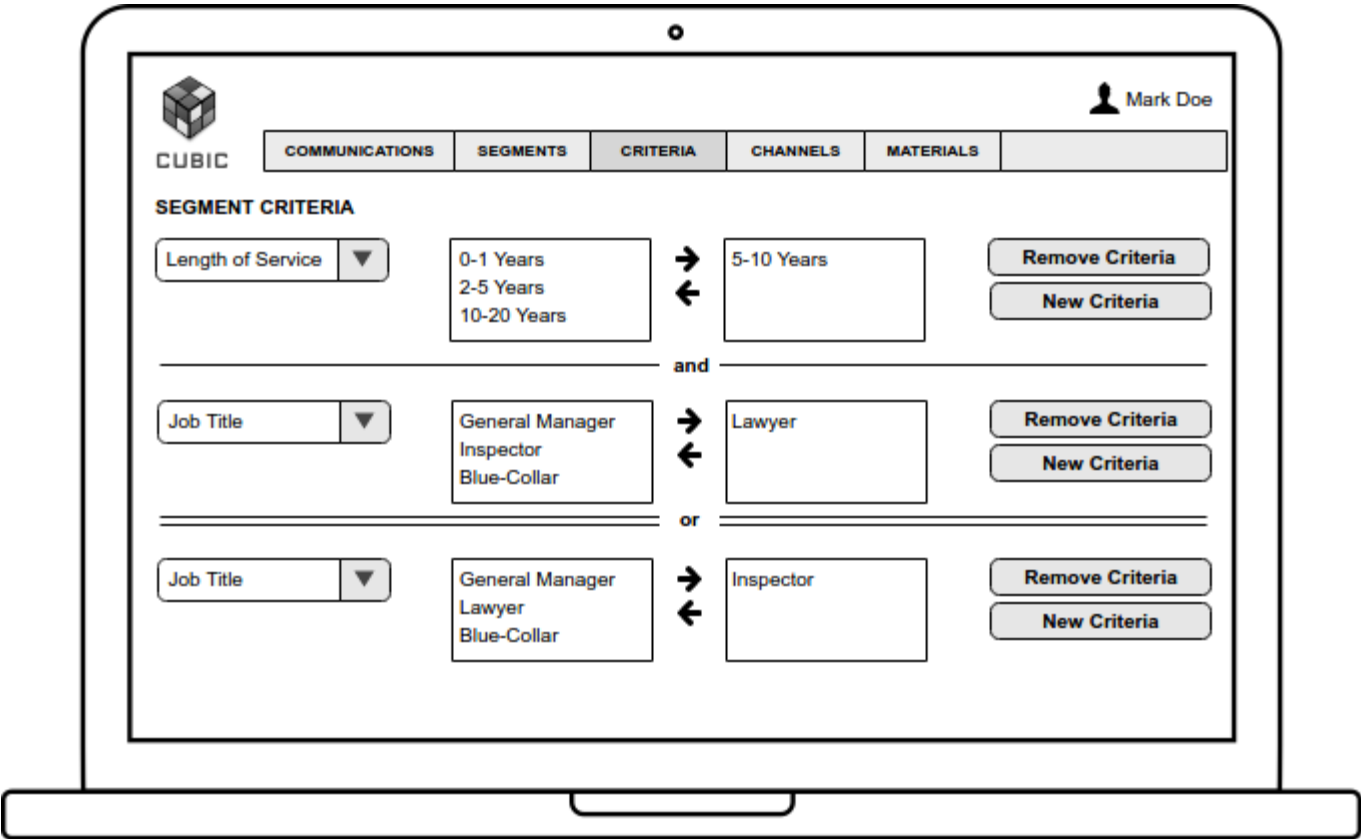
Java, Objective-C, Vaadin, Android SDK, iOS SDK, C#, WinForms, Hibernate, PostgreSQL, Tomcat, Apache POI, Machine Learning (C4.5, IBk), CSS3, JQuery

### Funded by



TÜBİTAK

Cubic Web App manages internal communication media for IETT (Istanbul Electricity, Tramway and Tunnel General Management)



Platforms



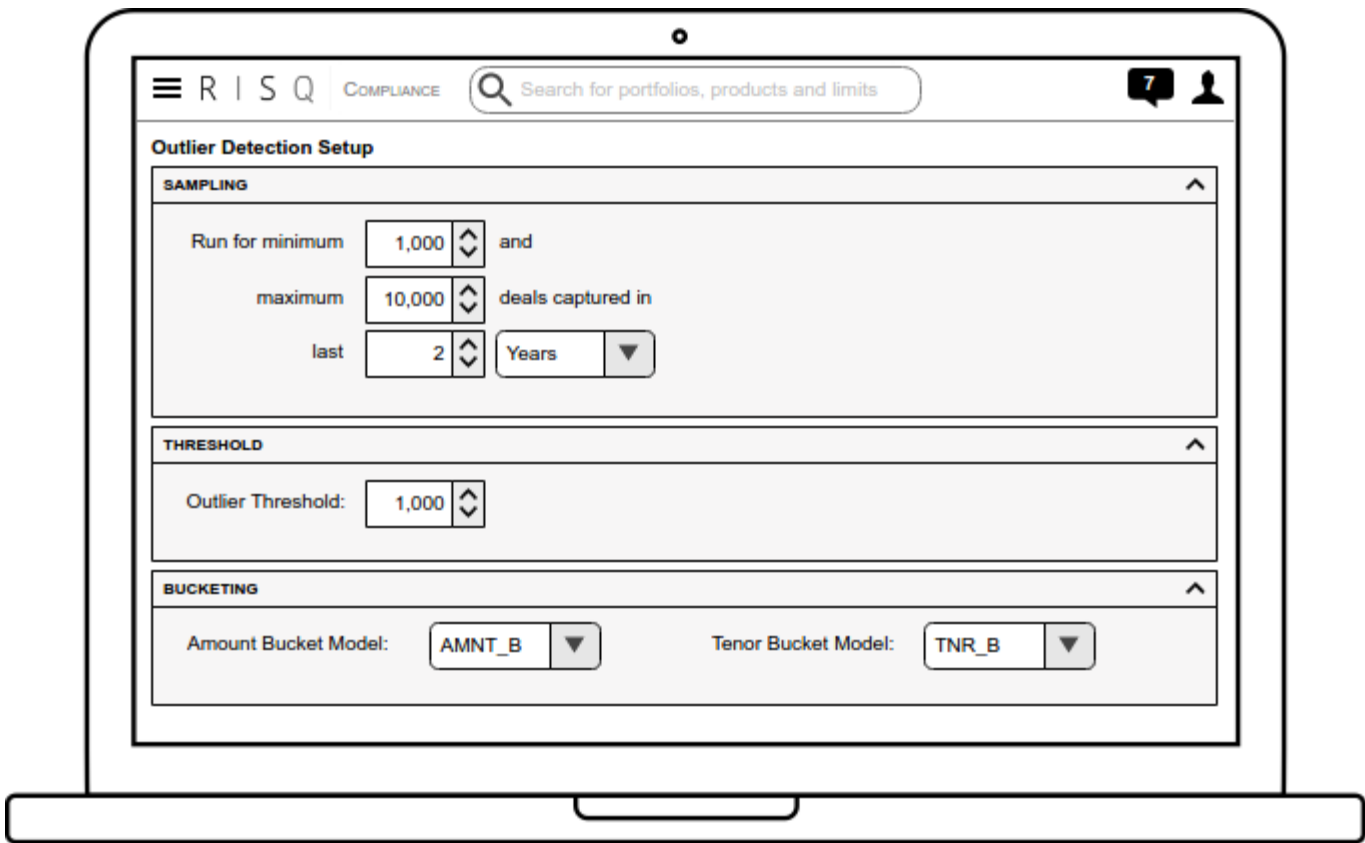
Technologies

Java, Vaadin, Hibernate, PostgreSQL, Tomcat, LDAP, Apache POI, CSS3, JQuery


Partnerships




RISQ | compliance covers a variety of trading limits (position, stop loss, credit, settlement limits and many more), market conformity checks and outlier detection to find suspicious transactions.




Platforms



Web Application



Windows Service



Web Service

Technologies

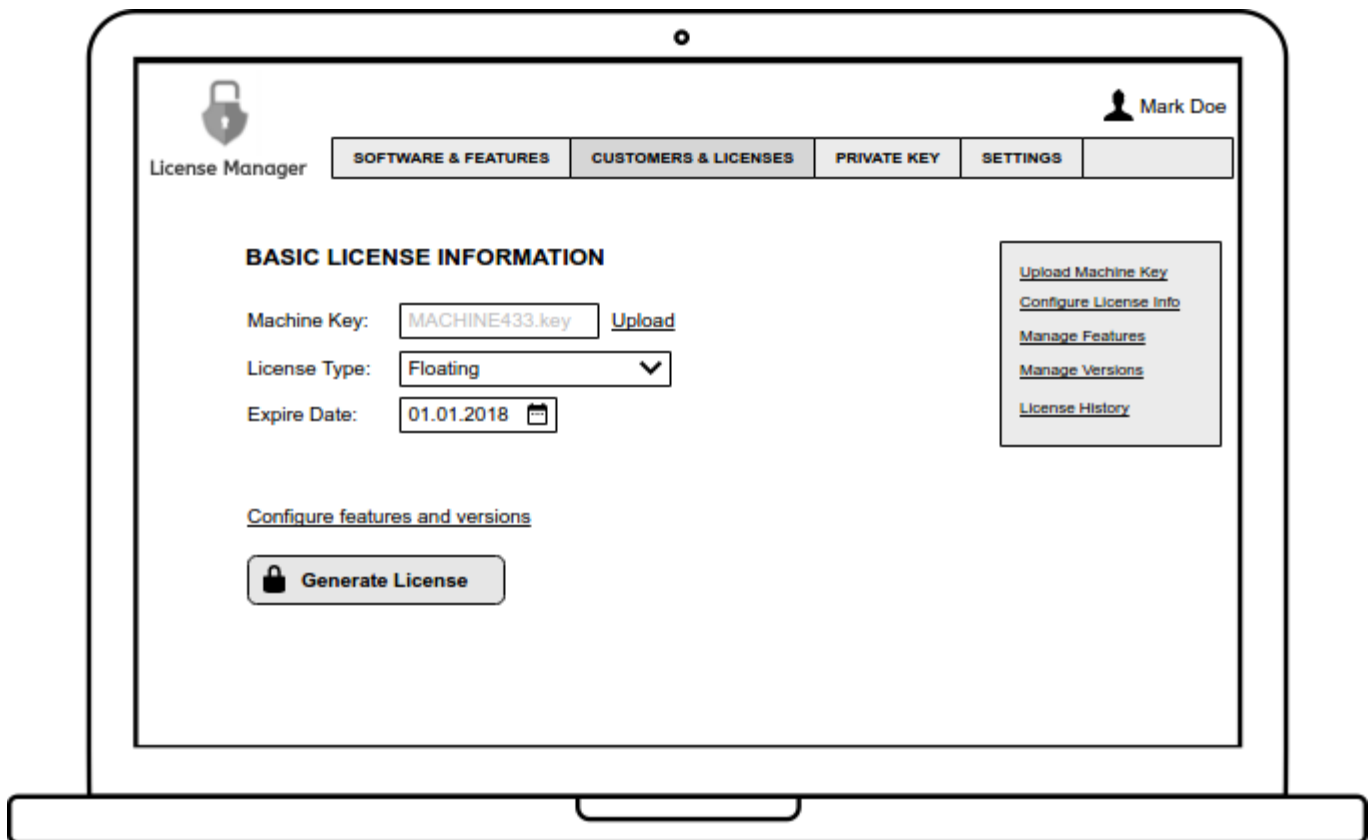
Java, Vaadin, Hibernate, Jersey, MsSQL, Sybase, Oracle, Tomcat, WebSphere, JMS, TIBCO, Quartz Scheduler, Apache POI, LDAP, Log4J, CSS3, JQuery

Funded by





Globit License Manager is intended to be used in corporate environments in order to provide both floating and named licenses to multiple end users of Globit software. It uses combination of symmetric-key cryptography (AES 128 bit) and public key (RSA 2048 bit) cryptography which is very similar to PGP (Symantec's Pretty Good Privacy) model.



## Platforms



Web  
Application



Library

## Technologies

Java, Vaadin, Hibernate, PostgreSQL, Tomcat, Log4J, CSS3, JQuery

A proof of concept to demonstrate TR Patent 2011/05246 to investors. The device collects GPS data and sends them to the server over GPRS. Users can track device location online with a mobile web application.

Platforms



Web Application



IOS Web Application



Android Web Application



Web Service




Arduino Mega Application

Technologies

C#, Java, JQuery Mobile, Arduino Nano/Uno/Mega

KontorCa Terminal is designed for business and dealers to sell prepaid minutes. A limited scripting language was designed and implemented to provide dynamic form contents.


Platforms



Web Application



Windows Service



Vega 7000 Application

Technologies

C, Vega7000 SDK, C#, ASP .NET MVC