

Designing and developing iOS applications since the launch of iPhone/ iPad for all versions of iOS SDK & Objective-C

iOS Application Development

Vayam has a team of professionals which is well versed with the mobile application development aspect in all major platforms – iOS (iPhone/iPad/iPod), Android and Windows Mobile. Team is well aware of the critical success factors which are required for successful delivery of mobile applications. The team consists of:

- User Interface Designers
- Developers
- Testers

Project Methodology: Agile

Type of Applications Developed

- Marketing Applications
- Integration with
 - Business and Enterprise Applications using web services
 - Audio Streaming URLs
 - Social Networking Sites
 - Google Maps, Flurry analytics and Test Flight SDK
- Amazon Cloud services for deploying the server application
- Third party libraries: ZXing, Three20

Focus on Critical Success Factors

- User Interface Design
- Coding Best Practices
- Modular and readable code
- Reuse of code from existing projects
- Performance
- Extensive Testing by dedicated team

Engagement Model

- Time and Material
- Fixed Cost
- Dedicated team management by customer

Technologies Used

Objective – C, Core Data, SQLite, inApp Purchase, Mapkit, JSON parsing, QR-BarCode scanning, XML parsing, Audio streaming, SHOUTcast integration, Webservice integration

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Solutions

Team portal application for iPad/iPhone/iPod touch

Customer	Netconnect ASA, Norway
Platform/ Technology	Objective-C, iPhone SDK 3.2, MAC OS X 10.6.4
Server Side	Team Portal (SharePoint 2007/2010)
iTunes URL	http://itunes.apple.com/no/app/team-portal/id390653931?mt=8



Technical Features

- MS SharePoint 2007 and 2010 Integration
- Authentication used is form based authentication
- Performance is a major aspect - Lot of data is downloaded by the application depending upon the data available for the logged in user
- Multiple level sites are supported in the latest versions

Team Portal is a collaboration platform based on Microsoft SharePoint where you can choose among many great applications that make it easy to structure information and collaborate with colleagues, partners and customers.

Team Portal is a cloud service hosted by NetConnect, and includes both free and paid collaboration services. Document management, project management, sales management and more is available in the Team Portal App Store. Team Portal is built on the industry standard SharePoint from Microsoft.

This iPhone/iPad/iPod application can be used to access your information on Team Portal.

Functional Features

- View and open your collaboration sites and sub sites
- Manage your favorite sites
- Open documents from your sites, share documents by link or attachment
- Flip horizontal for full screen view of any content
- Activity Dashboard
- Task lists (your tasks, overdue, all tasks)
- People list showing online and offline site members
- Call or e-mail your site members
- Choice to remember/forget your username and password
- Choose your default opening menu in this app

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Drool Radio - Audio Streaming Application for iPhone/iPod touch

Customer

Similar Layers AS, Norway

Platform/ Technology

Objective-C, iPhone, SDK2.1

iTunes URL

<http://itunes.apple.com/no/app/drool-radio/id327347560?mt=8>

Drool Radio is a High Quality Internet Streaming Radio Player with a Unique Retro design based on MVC pattern. Since the radio is streamed over the Internet you can listen to your favorite local radio station when abroad on business trips or on vacation. Drool Radio will automatically adjust the stream bit rate to match the available bandwidth. When you are connected to WiFi the best quality stream will always be selected. When on a cellular, a lower quality stream will be selected where available. You can also disable playback over cellular data network. Use the "Tuner Wheel" to easily browse through your favorite stations. With the "Retro Tuner Static" sound effect turn on, you'll hear old fashion "tuner static" when turning the "Tuner Wheel".

The Radio Alarm Clock and Sleep Function enable you to listen to your favorite radio station when you go to sleep or wake up in the morning.

Functional Features

- Find your favorite radio station by free-text search or browse by region or genre
- Use GPS to get your current location to set favorite station automatically
- Automatically adjust streaming quality to match available bandwidth
- Artist and Song title are displayed if the station is broadcasting the information
- Radio Alarm Clock and Sleep function
- Tap the display or tilt sideways to see spectrum analyzer
- Choose between five different display colors
- Add your own Radio Stations or streaming URLs
- Supports the following languages: English and Norwegian (more to be added in the next version)



Technical Features

- Shoutcast Integration
- Use of GPS
- Performance is a major aspect - Lot of streaming is done over internet - Performance

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Stolz Scanner application for iPhone/iPod touch

Customer

SimilarLayers AS , Norway

Platform/ Technology

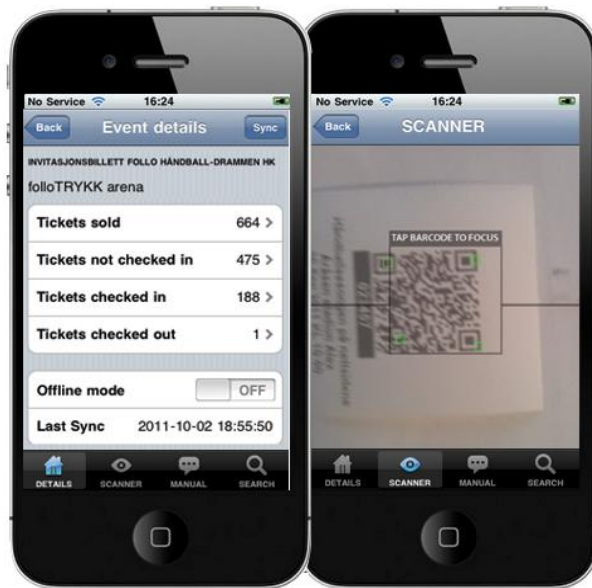
Objective-C, iPhone SDK 4.0, MAC OS X 10.6.4

Server Side

.Net Webservice

iTunes URL

<http://itunes.apple.com/no/app/stolz-scanner/id441234363?mt=8>



Technical Features

- Third part library ZXing to read QR barcode is used
- Performance is a major aspect - Lot of data is downloaded by the application depending upon the data available for the logged in user.

This is an application which has been created for Event Managers who are customers of the Stolz Event Management platform. The web platform is also created by Vayam Technologies where the Event Organizer can create their Events and sell the tickets by using the platform.

The tickets are delivered electronically by sending SMS or via email. Every Ticket is identified by Unique Barcode in it. The Application is used by Event Organizer to validate the ticket delivered by the web application at the Event venue.

For more information, please visit <http://similarlayers.com/projects/stolz/>

Functional Features

- Integrated with server application for authenticating the Event Organizer
- Getting event and ticket owner details
- Usage of QR barcode
- Support for offline/Online mode
- Support for automated checkin or manual check In both