

The Java Platform Desktop Applications

Java Platform Desktop Applications

Java Platform supports any existing platform (MS Windows, Linux, Mac and other relevant operating systems) and enables smooth and bug free transition from one platform to another. We have extensive track-record of successfully realized projects developed on Java Platform. In our company we develop two types of Java Platform applications:

- *Java Platform Desktop Applications;*
- *Java Platform Web Applications.*

Our company is Sun Partner Advantage Member. This partnership gives us a benefit of accessing the most recent products and services offered by Sun Microsystems quicker than any regular player on IT market. We also have an opportunity to participate in various Sun certification programs, building up our skills in Java Platform development.

Below you can find descriptions of some of our Java Platform desktop applications we successfully developed.

project

MyCultureView

This project was a fusion of our own solution and ThinkMap data visualization technology, visualizing various connections between different sorts of data, stored in programs database.

In this particular case, our client with Mexican origins asked us to develop for him the database application accumulating all sorts of information regarding his countrymen, who moved to different culture environment (USA). Information gathered by our program concerns such aspects of their new lives as: what kind of food they stated eating away from home, what favorite music, clothes, traditions they acquired after moving from their homeland, and etc. Originally, this information was entered in database by the client himself but in time, as the project moved on its concept was slightly changed and at the present people themselves fill in different questionnaires regarding their life in the foreign land.

Project's Features

The following features were implemented in this application:

- Visit History
- Two user levels (User, Administrator)
- Two entry points (nodes) to database



Picture 1. Programm Interface

project

Crazy Mahjong

This application is classic game of Mahjong for mobile devices.

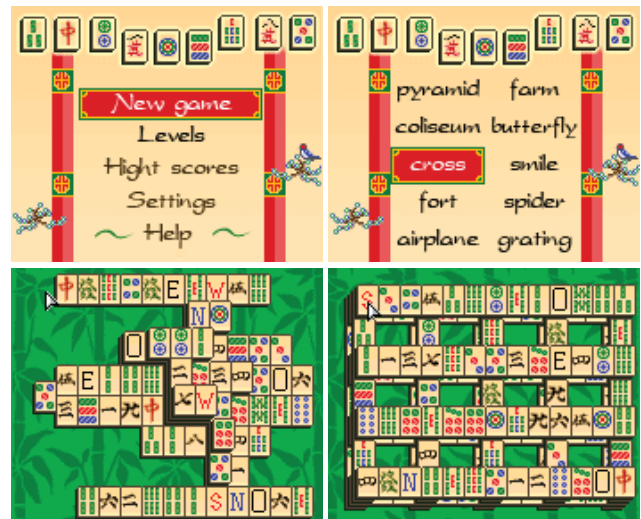
Project's Features

The following features were implemented in this application:

- User can record game results into 'High Score' lists made for each layout.
- Game play enables joystick and keyboard controls
- Help hints are available.
- Detailed help information about all game details.

Technologies

- JavaME
- Optimized for Symbian Series 60 Smartphones



Picture 2. Game Interface

project

JavaImageEditor

Product is an applet-based Image Editor. Although it is actually run on client's computer, it doesn't require installation and small to download.

Project's Features

The following features were implemented in this software:

- Image editing, when images can be saved to local computer or to server.
- Enables user to work with layers, texts (including rasterize), shapes (including rasterize), and different selection options.

Technologie

- The Java Platform

project

BodyBeatz

The main idea behind this project is that human body, especially human heartbeat, can be regulated by external factors such as music rhythm. The faster the music is played, the bigger heart rate person, listening to this music, has. In order to start physical exercises, the best heart rate should be calculated for particular person. Current solution calculates the best heart beat for particular person on the basis of this person's various physical aspects. After his or her heart beat is calculated, the program selects the music that corresponds to this heart beat. After this is done, selected music is played to the person while he or she performs physical exercises.

Project's Features

The following features were implemented in this software:

- Upload of mp3 files
- Shopping Card
- PayPal payment system

Technologies

- The Java Platform
- Hibernate



Picture 3. Web Site Interface

Poker Room

We help our clients to become casino owners without relocating to such gambling resorts as Las Vegas or Monte Carlo, by developing exquisite, easy-to-use and reliable casinos in the Internet. It is the best way for people to win money just by clicking their mouse buttons and play games with their friends, physically located at the other end of the Earth.

This product is a classic game of Poker, available for online gambling websites. If you want to make money on gambling in the Internet or you simply wish to attract mature audience to your website our Poker Room is the best solution for you. Poker is one of the basic card gambling games, known to a lot of people all over the world. At the present a lot of variations of this game are played in different gambling corners of our planet.

The product belongs to our company and we can offer it to you with additional customization. You can easily invent new rules, request new design and new features to be implemented in the version of this game customized especially to your needs.



Picture 4. Poker Room Interface

Project's Features

- *Two types of bets.*
Pot-limit and no-limit tables are available.
- *Game log*
Game log is displayed on the Poker table screen showing all events at the user's table, that happened during the time current player stayed online.
- *Online chat*
Player is able to chat with opponents all time during the game.
- *Waiting list*
If a player wants to play at the table, which is currently occupied, player can sign in waiting list for the place at this table. Player in the waiting list will be automatically notified when a place at the table will become available.
- *Player search*
A player can conduct automatic search for other players, if they are online, indicating their nicks.

Technologies

- J2EE
- EJB
- O/R Mapping: Hibernate
- Messages processing: JMS
- Server client: application server Jboss 4.0.2
- Database: MySQL