



To succeed in business it is necessary to make others see things as you see them.

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SOA and Business Process  
Business Intelligence  
Mobility Solutions  
Custom Development Solutions

## Backgammon Game

Gateway developed Web, Mobile and Desktop versions of the Backgammon game (a dice-based board game). The game portal was developed with many features and integrated with various payment gateways enabling users to register, buy merchandise and play the game online.

# Case Study

## Client Profile

The client is a leading provider of Online and Mobile Games that produces creative and innovative games for various player segments. The company earned huge popularity and respect in the industry by producing and publishing high quality, well-designed creative games.

## Business Need

The client wanted to build a Game Portal that would allow users to register, pay online and play the popular board and dice game(s) along with many other CMS features. As part of their strategy, they were looking for a Game Development company to develop various versions of the Backgammon game- Web, Mobile and Desktop versions.

## Solution

Gateway developed the Game Portal which allows users to enter login details in order to play the game. The user can create a Game Room and invite others or he can join an already existing room. The charge for playing game are automatically deducted from his account, the prize amount will be automatically deposited to his account etc. There will be screens for viewing points, bets, status etc. and options to quit, Sit out, Lobby etc. The user can also chat while playing the game.

### BackGammon Game Modules

1. Tournament
2. Sit & Go
3. Private Tables
4. Lobby to join table
5. Deposit Money only through the web portal
6. Play/ Real Money Modes

### BackGammon Portal Features

1. Payment Gateway Integration
2. Unique Logo and branding
3. CMS for easy addition of content
4. Web Admin for the portal
5. E-Shop integration
6. Website for managing game accounts
7. Website- Affiliate Management
8. Website- Customer Support Module.

### Back End Admin Module

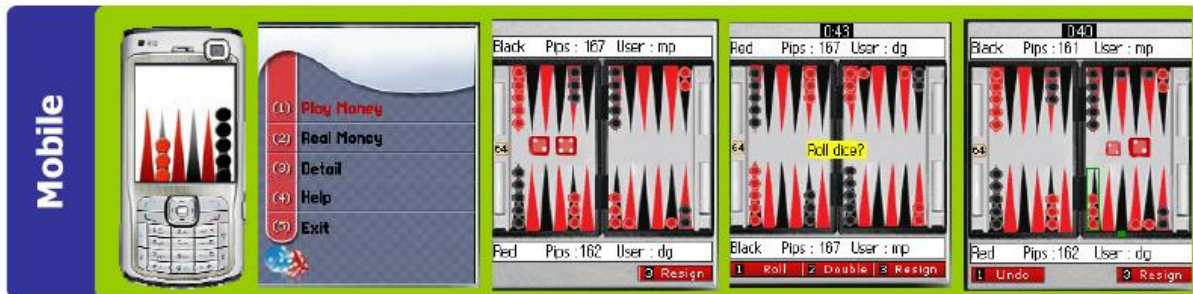
1. Report Module
2. User Account Management
3. Tournament Management
4. Games Management
5. Schedule Management for scheduling tournaments and games
6. Security for Game/ Player Information and Payment Transactions
7. Secured client-server communications and billing interface

### Others

1. Linux Clustering & Scalable architecture that allows for distributed deployment on multiple servers
2. Secured Random Number Generation Logic & Play Logic
3. Powerful web interface for management, user administration, billing, statistics, reports, and customer service
4. WAP Site for game downloads directly on mobile handsets
5. Integrate Game play through Mobile, Desktop and Browser (Applet Based) for synchronous gaming experience

# Case Study

## Screenshots



# Case Study

## Tools & Technology

1. Web Portal: PHP 5.2, Smarty Template Engine, Ajax, XML, HTML, DHTML, Javascript, RSS
2. Database: MySQL 4.1.18
3. Desktop Game Client: JavaWeb Start client, Java Swing
4. Web/ Browser Game Client: Java Swing based trusted applet
5. Mobile Game Client: J2ME, MIDP 2.0, J2ME Polish
6. Server Components: GPHP Extension, MySQLi Extension, Core Java based on 1.5

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