HOOP SHOT GAME CASE STUDY

CLIENT OVERVIEW

Our client, a well-known game development specialist in the market is known for some of the most innovative game applications. In addition to being a dominant player in the industry, the company has an extensive portfolio which includes games developed for various genres. These include sports and recreation, education, puzzles, logic, adventure and much more.

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KEY REQUIREMENTS

- Developing different themes wherein each theme will have a unique setting featuring attributes such as the jungle theme having forest like elements.
- Requirement of the ball motion physics to be realistic.
- Coordination of the user's swipe movement such that it would correspond with the trajectory of the ball.
- Required to perform all functional testing for critical aspects such as interruptions, sound effects and user interface elements.
- Incorporation of impactful sound effects and a realistic gameplay to provide a rich user experience.
- Ensure that the game would be compatible across different screen resolutions and form factors.

KEY CONTRIBUTIONS

- Creating an attractive UI development was one of the major requirements:
  - Rough drafts of the visuals were made and multiple story board sessions were held to determine the final look and feel of the game.
  - The team also went through extensive brain storming sessions to create unique elements for the respective themes.
- Game ball movement was implemented on the basis of physics concepts such as velocity, acceleration, and force vector to achieve a realistic game play
- A record management system was incorporated to update a player's top 5 scores automatically.
- Ad integration was done for revenue generation.
- Extensive testing was done to check coordination between swiping gesture and ball movement, which also involved a demo amongst a focus group to obtain end user feedback.
- Interruptive testing was done to check for loop and basket shooting sound effects during gameplay.

KEY BENEFITS

- Successfully deployed the game for Nokia Ovi store and Samsung mobile apps store respectively in an aggressive time frame

- Appreciation from notable sports authorities and veterans for showing an affinity in conceptualizing an application based on a popular game.

- Led to further development of a series inspired from other variations of the basketball sport such as HORSE, one on one and 21.

- Earned a reward from Nokia Asha gaming boot camp as the best app based on a real time popular sport and its noted universal appeal across different age groups.

SCREEN SHOTS OF HOOPSHOTS GAME

TECHNOLOGY STACK

- JavaME
- Nokia Asha SDK 1.0, 1.1
- Nokia Emulator for Nokia S40 Platform
- Samsung WTK1.2

- Adobe Flash
- Adobe Photoshop
- InnerActive Ad SDK
- Math library

About Xoriant:

Xoriant Corporation is a Product Development, Engineering and Consulting Services Company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 2000 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.