PORTING MOBILE GAME TO DESKTOP USING STEAM

CLIENT OVERVIEW

Our client is a leading video game company which develops video games and is famous for its role-playing video games series. The client has its development studios across the globe through which it creates and launches location specific games.
KEY REQUIREMENTS

- Developing of the game launcher to configure the game settings in a wizard mode.
- Providing support for game achievements to unlock different levels of the game increasing the complexity of game play and progress through the game story.
- Providing continuous and seamless gaming experience for the users even when they switch to different systems.
- Implementing keyboard/controller mode and also removing touch support.
- Developing a compiled executable game to run and install on the system easily.
- Enable a global appeal by providing support in multiple languages.

KEY CONTRIBUTIONS

- Implemented the game launcher using QT which allows the user to map the keyboard/game controller, select the language and configure the game settings.
- Developed Steam Achievements for persistence, game achievements and tracking user statistics.
- Implemented Steam Cloud to provide a continuous and seamless gaming experience across different systems.
- Provide support for keyboard using Win32 and removed the touch support.
- Provided controller support using Microsoft’s Direct Input and XInput protocol to have a better control over the game.
- Tested the controller support over different controllers like Logitech F310r, Logitech F710r, Xbox 360 for Windows.

KEY BENEFITS

- Increased the target market to 75 million users due to introduction of Steam and controller support.
- Improved the geographic market reach as the game could be played through seven different languages across the globe.
- Ensured popularity of the game incorporating continuous feedback made available through immediate review mechanism.
HIGH LEVEL ARCHITECTURE

TECHNOLOGY STACK

- C/C++
- Win32
- Microsoft Visual Studio 2013
- QT
- Steam
- Test Track
- SVN

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.

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