Frogger project

Kay Gabriel Gex Sr.

2. EXECUTIVE Summary:

Frogger is a classic arcade action game from the 80s and is a lot of fun for young and old!

The game is self-explanatory to the user; you take control of a frog and need to jump across a road; after the road, the player must cross a river and try not to fall.

The player must avoid cars and trucks in the first part of the map. Getting hit by one of them results in a reset and a loss of lives. The second part is as hard as the first, crossing the river by jumping on logs.

3 Game Description:

- Overview:

The game is played in a top-down view and is divided into two areas. The first area is a busy road filled with cars and trucks, which must be avoided by the player (frog). You can only jump one tile at once and reach the river-safe area where you can relax for a few seconds.

The river is filled with logs the frog must jump on, but do not jump into the water or on a crocodile. Doing that results in a reset, and you will have to start from the beginning and lose life.

The player has three lives. A life is lost if the player gets hit by a car or truck, jumps into the water, or jumps on a crocodile, if the player loses all their lives the game is over.

- The Quest:

The quest in Frogger is to get home safely and avoid any unnecessary danger in the world.

Starting at the bottom, Frogger the frog must cross dangerous roads and rivers to reach the top of the screen.

- Main Character:

The main character is a green anthropomorphic frog called frogger. Controlling the frogger is from a top-down view.

Frogger can jump one lane at a time and move up, down, left, and right.

- Sketch of Main Character

INSERT FROG PICTURE

- Opponents:

The opponents in Frogger are simple. You have four diverse types of opponents in this game.

One opponent is a car that is driving on the road at the start of the level in random order.
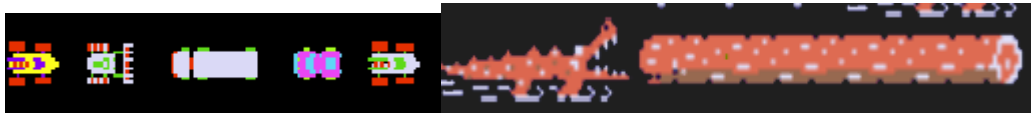
The second opponent is a truck that is also driving on the road at the start in random order.

Both the car and the truck can crush Frogger and result in a loss of life.

The third opponent is a crocodile swimming in the river randomly, so watch out before jumping.

The fourth opponent can be the logs swimming in the river. You can jump on them, but do not let them move outside the view while you are on them. If it happens, you lose your life.
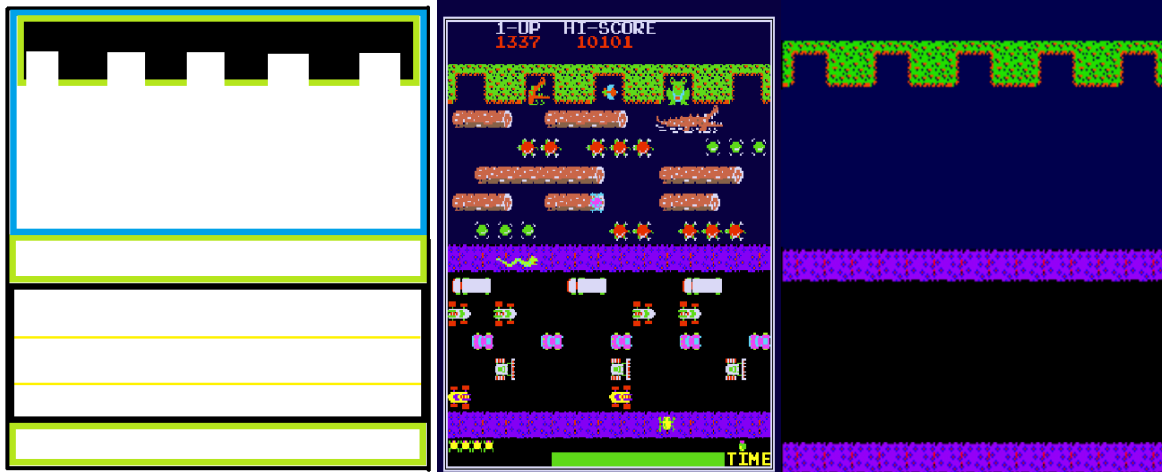

- Sketch of Opponents

- Environment:

The world of Frogger is a mix of urban (road) and natural (river) environments, all this in a retro pixel style.

The lower part is the road with four lanes to cross. The middle part is one tile big from left to right, where the player can be safe for a few seconds. The upper part is the river which has three or four lanes to cross. The last part at the top of the level is the finished space. Getting there will end the game, and the player has won.

- Sketch of Environment:

- Menus:

The game has different menus for the player to operate.

The first menu is the Main menu. Here the user can choose between playing and quitting the game.

The user can see the second menu while playing and using a specific key. This menu consists of Continue and Quit.

- Controls:

The user can control all menus with the W, A, S, D or arrow keys and accept the chosen option with the enter key.

Playing Frogger only consists of five keys such as W, A, S, D or the arrow keys, and the E key to use any pick up the player has picked up.

- Sounds:

The game uses two sounds, one the main title music from the original frogger game.

Other sounds are the pickup sound and the sound of death if the player gets crushed or jumps on the crocodile.

SUMMARY

Have you played Frogger in the past and are missing the fun and want to feel nostalgic again? Then you have found the best place to revisit the charming game of Frogger! Get Frogger back home safely and watch out for anything dangerous. Cars, trucks, and crocodiles won't take care if you are in their way. Feel set back in time, grab a snack and have fun. Frogger is for all ages, old and young are welcome to that fantastic retro action game.