Quest for the Crown

# Game Definitions

Version 1.0 – 25/05/2013

Author: Diogo Muller

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Comments** |
| V 0.1 | 25/05/2013 | Initial Version |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# Introduction

## About the Game

Quest for the Crown will be a adventure/exploration game, based on the oldest Zelda games, with some random elements. The whole game will be made using C/C++, in a console environment.

## Basic Story

In this game, you are the prince of a distant kingdom. An evil wizard stole your crown, and if you don’t recover it soon, he’ll claim the kingdom as his own. To thwart the wizard’s evil plan, you will explore dungeons, searching for ancient artifacts that can counter-attack the evil wizard powers.

## Feature Descriptions

The game will be implemented in a cascading way, where the next step will only be implemented after the last step is fully implemented, tested, and deemed stable.

In the most basic scenario, the prince will have one weapon, his sword, and has to kill a few enemies on the screen.

On a second version, the player has to transverse a few sceneries, killing new enemies, until he reaches the evil wizard, a boss enemy.

After this basic feature is done, the next part is creating a dungeon, with a new weapon (bow and arrow), one life power up and pickup, new enemies, puzzles and a new boss character. The player must get an item after the dungeon, and only after that he can battle the evil wizard.

The next step is doing another extra dungeon, with a new weapon (bomb), one life power up, new enemies, puzzles and one new boss and artifact. Only after both dungeons the player will get the opportunity to battle the evil wizard.

After both dungeons are done, the next step is creating random caves/events. Those will show up randomly on pre-determined places on the map. The caves will be procedurally created, and will contain Money, Arrows, Bombs and extra health, if the player isn’t with its maximum possible health.

The last step is creating cut scenes to better tell the story, and a town, where the player can spend his money buying supplies and interact with townspeople, which can give the player interesting tips.

# Game Features

The game features are listed here, ordered by priority. Smaller priority values mean more important features.

|  |  |  |
| --- | --- | --- |
| **Feature** | **Description** | **Priority** |
| Player movement | The player can move on the screen. | 1 |
| Player attack | The player can attack enemies. | 1 |
| Basic enemy | Basic enemies to be attacked. | 1 |
| Title screen | Game title screen with game name and author. | 1 |
| Game Over Screen | Game over screen. | 1 |
| Basic GUI | Shows player name and health. | 1 |
| Location change | Player movement to other maps. | 2 |
| Different enemies | Enemies with different forms/ways of attacking the player. | 2 |
| Evil wizard | Boss character, evil wizard | 2 |
| First Dungeon | Basic dungeon, with at least a few rooms and puzzles. | 3 |
| Weapon: Bow | New weapon, bow. It will launch projectiles that run the screen until they hit a wall or an enemy. | 3 |
| Pick Up: Arrows | Arrow pick up and GUI element. The player cannot use the bow if he has no arrows. | 3 |
| Pick Up: Life | Will allow the player to restore one life unity. | 3 |
| Power Up: Life | Will add one unity to the player’s life. | 3 |
| First Boss | Boss character, easier to defeat using the bow. | 3 |
| Long distance enemies. | Enemies that can attack from a long distance. | 3 |
| Second Dungeon | Bigger dungeon, with more puzzles and keys. | 4 |
| Pick Up: Keys | Keys to open closed doors. | 4 |
| Stronger enemies | Enemies that need more than one attack to be killed. | 4 |
| Weapon: Bombs | Bombs will kill every enemy on its blast radius, and can open hidden rooms. | 4 |
| Second Boss | Easier to kill using bombs. | 4 |
| Procedurally generated Caves | Will have enemies and at least one treasure. | 5 |
| Random Events | Can give the player more items, or power ups. | 5 |
| Power up: Extra arrows | Allows the player to carry more arrows. | 5 |
| Power up: Extra bombs | Allows the player to carry more bombs. | 5 |
| Pick up: Money | Money, to be used as points or to buy items. | 5 |
| Store | Store, can be used to buy Power ups and refills, use money. | 5 |
| Cut scenes | Tell the player the game story. | 6 |
| NPCs | Can interact with the player. | 6 |
| Towns | Where the player can buy things and talk to NPCs. | 6 |
| Rebalancing | Game rebalancing, testing the enemies new abilities and where they are placed. | 7 |
| New features | Study new features. | 7 |