Earth Invaders

2D platform Game

XNA c#

http://earth-invaders.tk/index.php

First website

http://earth-invaders.uhostall.com

Team Members

❖ **Mohamed Ali Mohamed**   section :10

1. Making Level Manager (manages levels and draws the level which the user chose and control all movement and fire).
2. Edit Level Editor (level editor is the tool which i can use it to make and design the level)
3. Drawing characters (make the sprite sheet of player and his Collision)
4. Enemies (make the sprite sheet of enemies(A-F) and there Collision)
5. Handled Time back (when the player dies) & Screen manager

❖ **Ibrahim Mohamed Habib**   section :1

1. Created fire class (control position of each fire in player and each monster and the distane of it)
2. OOP(be sure that everything is designed as OOP)
3. Implemented Check Collision Method in Enemy class

❖ **Islam Ahmed Abdelkarim**   section :2
1. AI (make monster A track the player)
2. Flying(make monster A & D fly when they see the player and attack him)
3. Health bar of the player and each enemy

❖ **Mostafa Gamal Mohamed**   section :11
1. Created Database For Storing The Game Data (Player Score, Current Level, High Score , etc. ...) Using MySQL 5
2. Website : which integrates with the game to allow the user to modify his game account through it and share his opinion with other players all over the world also for making a support for the game players
3. Login/registration system through the game application which allows the user to register his account in the game and website at the same time and the ability to login through his account in the game and website.

❖ **Kamal Abd-el-Kader Kamal**   section :8
1. Making levels (make them to Be Hard Gradually)
2. Add music and sound effects (for each Level & for Menu screens and make them looped)& To player (Fire & jump & die)
3. Using Photoshop (to resize picture and Crop them to adapt them for our Game)& editing Screens

It is a 2D platform game. We create it by using XNA API. The game talk about a man how try to defend the earth against the invasion of the aliens who come from the outer space to kill people on the earth. The man travel from country to another to kill the aliens and save the country from these bad creatures. In each level it becomes difficult where the number of aliens increase and new aliens appear.

When the player kill an alien his score increase and also when collect the bonus stones and there is a score board where each one who play the game can know his rank among the other player. When the player dead the player can return by the time back and his score decreased by 200.

 Each player have to create an account to start playing the game and there is a website where he can check the score board of the game and this make a competitive motivation among the players.