

Installation Guide and User Manual

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1 OVERVIEW

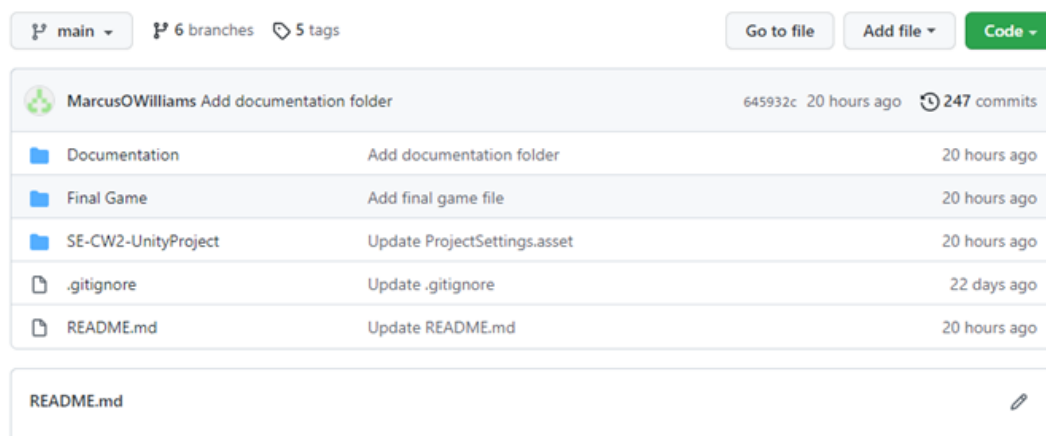
This guide contains the installation guide and the user manual, we will start by explaining how to install the game, then the user manual will cover, the controls, the UI setting and every feature in our game. We will also elaborate on how to play this game in detail and where to find some specific features, starting with Game Menu.

Instructions on how to download the game can be found in the installation guide.

2 INSTALLATION GUIDE

Navigate via the web: <https://github.com/MarcusOWilliams/Software-Engineering-CW2>

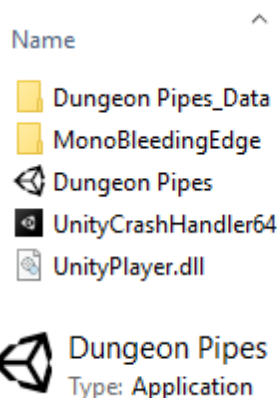
You should see this screen. Navigate to **the green code button and download** the code as a zip.



Download the Final Game folder with the final game file and extract it to where you want to save the game on your PC.



The Final game folder should appear like in the screenshot below, the main file is the Dungeon Pipes.exe, you can create a shortcut for this on your desktop if you want to be able to run the game easily:



Run the **Dungeon Pipes.exe** application. The game will start!

3 GAME MENU

3.1 UI Setting

Once you open the game, you will enter the game menu with a dungeon gate. There are 6 parts to know about this menu:

- | | |
|---------------|------------------------|
| A. Game Start | D. Coin Shop |
| B. Controls | E. Game Exit |
| C. Story | F. Coins and Highscore |



A. Game Start

To start the main game, please click on this button.



B. Controls

To read the manual and learn about basic controls, please click on this button.



C. Story

To read the background story of this game, please click on this button.



D. Coin Shop

To spend the coins you have collected from the dungeon for supportive tools, please click on this button.



E. Exit

To exit the game, please click on this button.



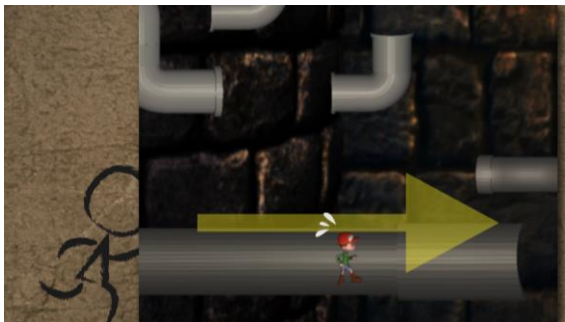
F. Coins and Highscore

To know how many coins you have already collected from dungeon and your highest score record, please read the information at the upper part of the menu.



4 HOW TO PLAY THE GAME?

In this game, you will play as a boy character who was thrown into this dungeon, and the only way out is running through the pipes. The character will automatically keep running, so the player should help him attach the pipes continuously and make sure there's always a safe route to proceed. However, the wall behind the character (The left side of the screen) is also moving forward at the same time, so you may want to build it faster!



Please use **Mouse, Enter Key, and Arrow Keys** to play this game:

A. Select the pipe

Use Left -Click of your mouse to select the pipe. You will notice there's a white spot on the pipe, that's the one you selected.



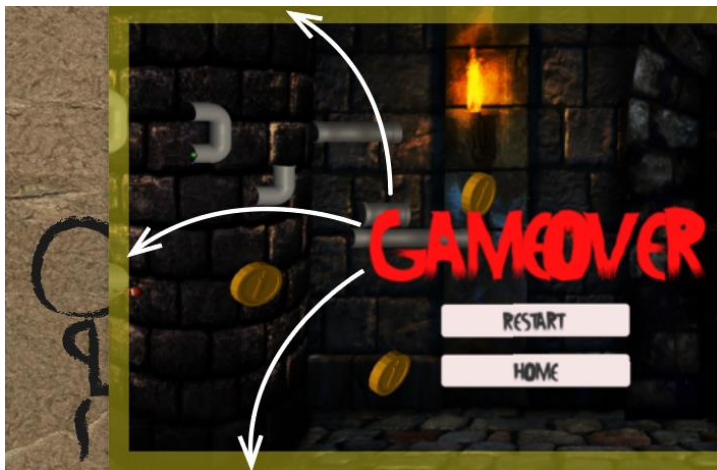
B. Attach the Pipe

Press Enter to attach the pipe you chose, and the boy will continue to go forward.



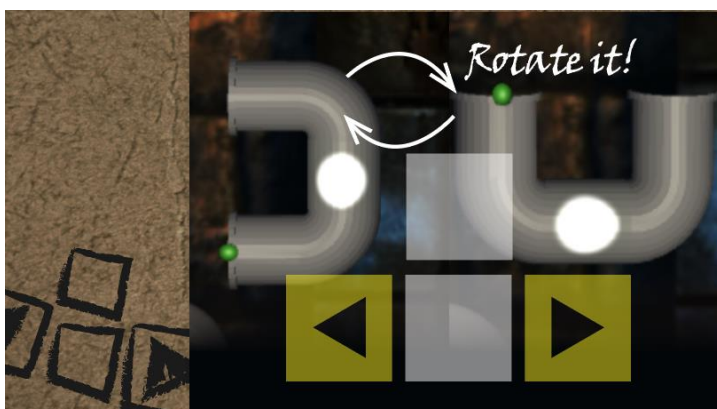
C. Avoid the walls

There are monsters living in the dungeon, also the wall is chasing after you at the same time! So be careful and remember: DON'T hit the left wall, ceiling, or floor, else you will get caught!



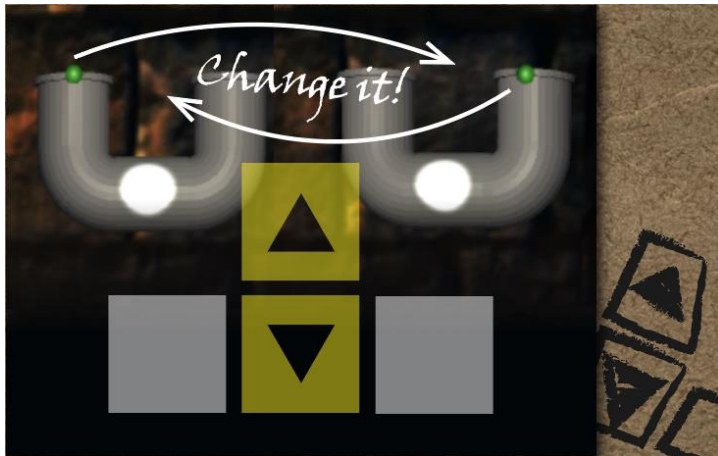
D. Rotate the pipe

Rotate the pipes with Left- and Right-Arrow Key to find out more possibilities.



E. Change the attachment side to attach (Only for U-pipes)

If you are selecting an U-pipe, you can also change the attachment side to attach with Up- and Down-Arrow Key.



F. Pause for a second

Use pause to temporarily stop the game and think about the route. It's an important technique to stay alive!



5 HOW TO MASTER THE GAME?

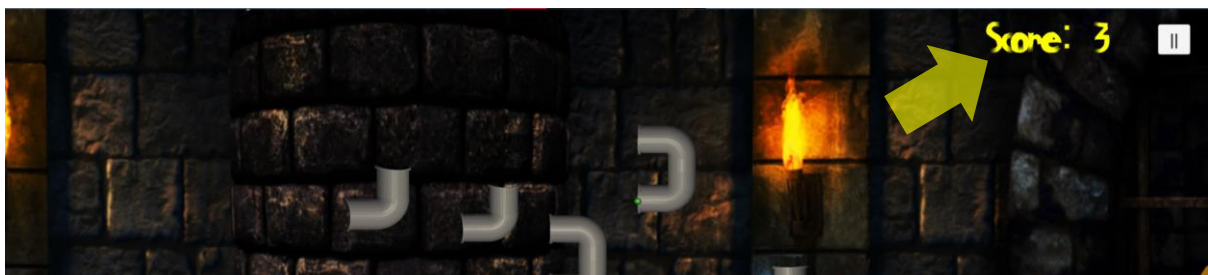
There are 3 basic goals to play this game: "Keep attaching pipes.", "Build safe routes.", and "Select pipes wisely."

Nevertheless, to master the game you have to accomplish more tasks than these basic goals.

With the game proceeding, you will notice that there are 4 advanced features in this game: score, coins, traps, and the speed.

A. Score

To score as higher as possible, you have to go as far as you can through the pipes while collecting as many coins as possible. You can always read the current score in the upper-right corner of the main game:



And you can also check your highest score record at the upper part of menu:



B. Collect the coins and avoid the traps

There are coins scattered in the dungeon. Try to collect them while escaping through the pipes. Make smart decisions and build a route leading to those coins for you. But you must be careful, there are also numerous traps and obstacles in the dungeon. When you attach a pipe and rush to the coins, remember to avoid traps at the same time.

Also, when you succeed to collect a coin, you can gain an extra 30 points! Is it worth the risk? It depends on your judgment.



C. The speed

With the game proceeding, you will find out that the left wall is pushing towards you faster and faster, which means you must make all the decisions above in a snap! Hence hurry up, or else you will get caught!

