

## Martian...

### Overview:

*Martian* is co-op game designed for 2 players in which one player will be stranded on mars and other will be on the spaceship on its way back to earth. This game is based on movie Martian. It is a 3D game. Astronauts are facing a major storm on mars that they can't handle so they decide to go back. One astronaut is left behind because he could not make it in time back to their base. Somehow, he the player / astronaut stranded/ left behind on the mars managed to survive and makes it back to the base and the astronauts on spaceship manage to establish the connection back to the base on the Mars. Now the player on the spaceship must get the player from mars back on the ship and the player on the mars must survive until they come to complete the game.



### Main-Mechanics:

The main mechanics of the game consists of two players. One is on the spaceship and the other one on mars. It a co-op game. They must work together to complete the game. The player on the spaceship has different missions to complete compared to the player on mars and vice versa. Missions for the player on spaceship will mainly contain:

1. Restoring spaceship's various types of systems and monitoring it.
2. establishing connection / communication with mars base and the player on mars.
3. Warning the other player about storms, weather conditions, etc.
4. Sending the resources to the mars base.

*The missions for the player on mars will mainly contain:*

1. Exploring mars.
2. Gathering resources.
3. Rebuild the broken systems to survive.
4. Establish the connection / communication between spaceship or earth.

*Both players will have different types of skills and abilities. Both must monitor their resources such as food, water, oxygen, etc.*

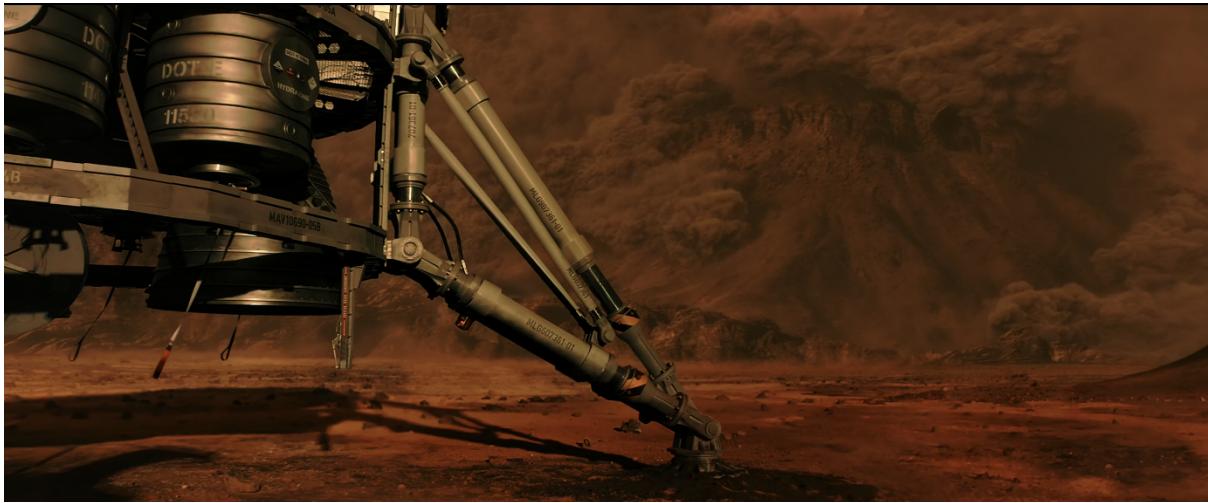
## *Missions:*



### **1. Mission 1: Escape the Storm. □**

#### *i. Objective:*

*Player on Mars must find his way back to the base surviving the storm making it through the various obstacles inside the storm. And for the other player he needs to make it to the Space Craft to go back to the main spaceship orbiting around the mars.*

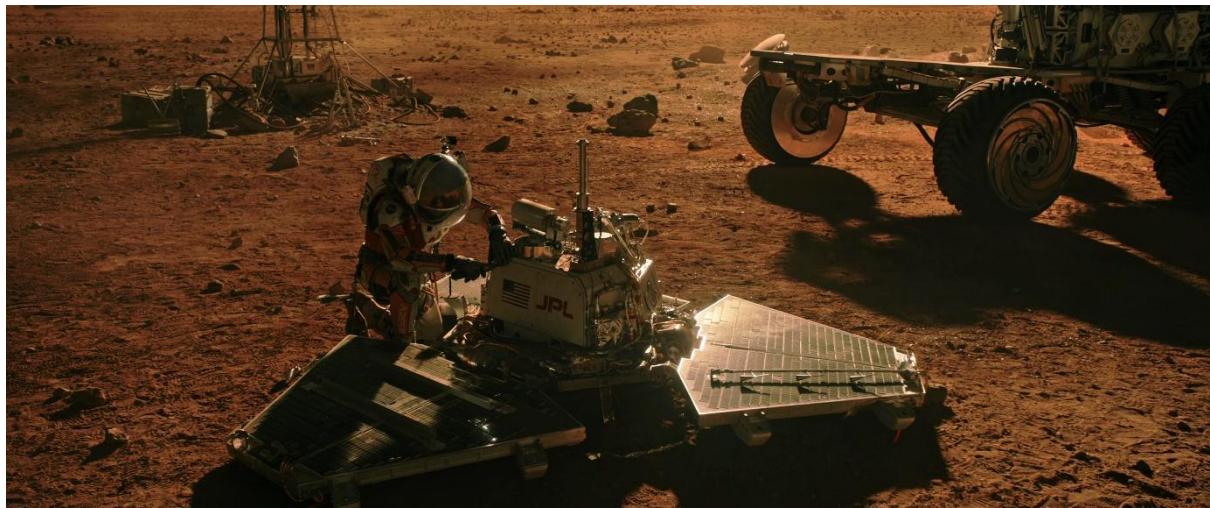


*ii. Tasks:*

- 1. The player returning to the spaceship must make it to the Space Craft.*
- 2. Start the engines, thrusters, etc.*
- 3. Navigate the spaceship through the storm to the spaceship orbiting the mars.*
- 4. The player on the mars need to make his way back to the base by taking covers.*
- 5. He needs to maintain his oxygen level.*
- 6. He needs to repair the base door temporarily and oxygen system to survive the storm inside base.*
- 7. To repair the door and oxygen system he needs to find few resources inside the base.*
- 8. So, he will be exploring the base at certain area to get the resources.*



## **2. Mission 2: Establishing communication.** □



### **i. Objective:**

***The player on the spaceship must establish communication with the player on Mars and find out their status. The player on Mars must find a way to establish communication with the spaceship.***



### **ii. Tasks:**

- 1. The player on spaceship must establish connection / communication back to the mars base by locating the communication area/ systems.***
- 2. He will need to solve the puzzles to connect back to the mars.***
- 3. The player on the mars needs to establish communication back to the spaceship to get the current status.***

- 4. He must repair the communication system damaged by the storms such as computers, antennas, towers, electricity, etc. same for the player on spaceship.**

**3. Mission 3: Power up. □**



**i. Objective:**

**The player on Mars must repair and power up the habitat while the player on the spaceship finds and sends the necessary equipment to help the player on Mars.**



**ii. Tasks:**

- 1. The player on Mars must locate and repair any damaged solar panels to restore power to the habitat.**

2. *The player on the spaceship must locate and send the necessary equipment and resources to the player on Mars to make the repairs.*
  3. *The player on Mars must monitor the power levels and ensure that they remain sufficient for the habitat's needs.*
  4. *The player on the spaceship must monitor the resources on the ship and ensure that they are being used efficiently.*
  5. *The players must coordinate their efforts to overcome any obstacles in their way, such as equipment malfunctions or resource shortages.*
4. **Mission 4: Food, Water and Oxygen.** □
  - i. **Objective:**

*The player on Mars must find a way to grow food and extract water from the planet while the player on the spaceship provides the necessary equipment and resources. Also maintain the oxygen systems to grow food and breathe.*



ii. **Tasks:**

1. *The player on Mars must locate and set up a system to extract water from the planet.*
2. *The player on the spaceship must locate and send the necessary equipment and resources to the player on Mars to set up the water extraction system.*
3. *The player on Mars must locate and set up a system to grow food on the planet.*

- 4. The player on Mars must setup the oxygen system to grow food.**
- 5. The player on the spaceship must locate and send the necessary equipment and resources to the player on Mars to set up the food growing system.**
- 6. The players must coordinate their efforts to ensure that the water and food systems are functioning properly and that they have enough resources to sustain themselves.**



## **5. Mission 5: The journey Home. □**



### **i. Objective:**

***The player on the Mars needs to repair the vehicle to reach another spacecraft left behind***

*on the mars by previous missions by another crew to use and make it back to the spaceship.*



*ii. Tasks:*

- 1. For the player on the spaceship, he must provide the navigational data to reach another spacecraft on the Mars to the player on the mars. He must also send the data of the status of the spacecraft about repairs and its necessities.*
- 2. Player on the spaceship must coordinate with mission control on earth.*
- 3. Player on the Mars must repair the vehicle and drive it to another space craft.*
- 4. Player on the mars must repair the space craft and provide the proper necessities to it.*

**6. Mission 6: The Countdown. □**



*i. Objective:*

*The player on the mars must navigate the spacecraft back to the spaceship by avoiding obstacles, storms, etc. and the player on spaceship must guide the player to navigate while he is on his way to spaceship.*

*ii. Tasks:*

- 1. For the player on spaceship, he must navigate the spaceship according to the plan.*
- 2. For the player on Mars, he must start the engines, thrusters. Check the status of the spacecraft and send the data back to the spaceship.*
- 3. He must navigate the spacecraft through the storm and various obstacles back to the spaceship.*
- 4. Due to sudden failure in spacecraft he needs to eject from it and then use the thrusters in his spacesuit to reach the spaceship.*





## **Story Flowchart:**

