

◆ Special Person

The blind school

With Robot



Introduction:-

- The blind school includes a large number of students, as the blind school is their school and their place of residence as well and they can be exposed to some risks such as fires and the lack of awareness of those responsible for the school about these risks quickly can lead to serious injuries.

Goals of story :

That there is already a safety system for people with special needs and help them when they are exposed to anything dangerous, because every place is not without risks, so what will happen if these people are exposed to danger

Success For Us :

Success for us really is achieving safety for these beautiful people. The success of the robot in achieving safety for them is really great, as they deserve everything beautiful.

Script:

- Purchase of school officials, robot of two different types, whose mission is to feel dangerous and protect students from danger And the preservation of students.
- Today's game will be a test for robin to verify the safety percentage that the robots will achieve through a competition between them and represent that there is a fire to know how each of them behaves.

Object of Game:

- **Pitch** : it represent the school .
- **Two robot of first team** : they represent the robot that the school w buy from the first type .
- **Two robot of second team**: they represent tha robot that the school will buy from the second type .
- **Discs** : It represents 60 bells distributed over the stadium, which is the same as the school, so that when students hear the sound of the bell and because of the strong sense of hearing, they follow the bell.

Roller : It represents the key that, when pressed, opens the gates of the rooms automatically, so that the students can exit after hearing the sound made by the bell.





Discs storage location :-

- **High score** : It represents the dangerous place in which the robot will show its resistance to heat, as if the robo sees students in the fire place, it goes to them and grabs the bell to guide them outside.
- **low score** : It represents the safe place, which is the garden of the school.

Covered Field Tile :It represents the school and the garden.



Note : -The competition is divided into two phases. The first phase is about the robot controlling itself, and the second phase is about the school officials controlling the robot.
-The first stage has a time of fifteen seconds that can be simulated in five minutes, and the second stage has a time of one minute and forty-five seconds that can be simulated in ten minutes.



**SELF
CONTROLLER**

- The competition begins with school officials starting to set fire to one of the classrooms.

The first stage: The first and second robots check the cameras every certain period to see if there is any danger and see that there is a fire in one of the classrooms, and thus they give an order to the fire alarm to ignite.

The first robot goes to press the button to open the door on the floor automatically, and thus takes the first robot Ten points

the second robot does as the first robot did in the role it is responsible for and takes ten points.

After that, **the first robot** walks in the role it is responsible for and begins to take the bell and walks with it to the end of the role for the students to follow it outside and take them to the school garden to keep them away from the fire. To save him, he was able to enter by the fire and guide the student with the bell outside, thus the first robot achieved ten points.

The second robot was also able to take the bells located in the role it is responsible for, but in the part near the fire because of the high temperature, the sensors indicated that there was an error in the readings, and thus the second robot was unable to achieve the second goal of the competition and gets only five points.

The second phase

The officials are the ones who control the two robots.

the first robot The official orders him to take the bell and walk around the floor for the students to follow and take them to the school garden. He also orders him to go to a place next to the fire to take a bell and take it outside. Thus, the robot can achieve the highest points because of its accuracy and the resistance of the robot's body to heat.

The second robot is estimated Only to take the bells and go outside, but the body of the robot is not able to withstand the high temperature.

The end

in fact, the robot cannot achieve 100% safety, as the human being is a key factor in anything that happens, and in the end the robot achieves a higher and not complete safety rate.

The first robot at the end of the mission was still in the school, thus obtaining three points.

The second robot was found between the school and the garden, thus obtaining six points.

The first robot managed to enter the side of the fire twice, so it takes a victory point, and also because it was able to gain more points during the self-control, so it is the winner.