Transferring Bodies Movements to a Computer

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Humans are natural explorers who explore earth and space they're curious beings who seek to reveal everything and it could found some places where people are hard to exist in for the fear for their life's or it could be expensive to send humans . And the solution is to send robots to these places. My project works as the following after send the robot to the right place through the application that I had built we start a live video connection with the robot so that the user can see front of the robot with virtual technologies from this standpoint the user can move the robot in any direction they want just by hand movements in front of a special boards for moving the robot, there's a board that points the robot forward, board back, board right, and another one for left many techniques have been used to improve its performance as much as possible. VR technology has been added to improve user experience. Bluetooth was used to transfer commands to reduce connections and make them as wireless as possible. The user will only control the robot's movement by hand movements while he is wearing VR glasses and sees from the robot camera. It allows the user to have a semi-real experience.

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