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(57) Abstract :

It is essential to drink enough water daily to maintain good health. That's why the government of India placed drinking water everywhere like malls, railway stations, bus stations, etc. But a lot of people are not using properly they wasted the water by washing the hands at drinking water it is one issue address in this patent work. The Present situation pandemic happen all over the world in these situations you cannot touch the things directly at outside like public places. Even sanitizers are also there but spreading of virus unable to prevent. Now the public-facing the problem at outside drinking water system that is if you want to drink the water you had touch the button or pump. Again virus will happen because of these reason lot of people are using that public pump. To avoid this here we proposed automatically pouring of water when the bottle is placed at the pump is proposed. Here one condition is there other than object i.e. depth will be calculated .if you put your hands it cannot pour water now washing the hands avoided saving the water this idea was implemented as scenario-1. But here also one problem is there that is how much water will fill in the bottle here I am using weight sensor with QR code scenario-2 how it will work. The QR code is scanned by the scanner which is attached to the device then it gets information about the weights of the bottle. If the weight sensor satisfies the minimum weight than the servo motor gets on then it allows filling the bottle until the maximum weight is reached. After the weight sensor detects the maximum weight i.e., the point of the almost filled stage of the bottle then the servo motor gets off here scenario-2 will solve. There is condition after the bottle was filled if you not take it out the machine then one buzzer alert will come after 10 seconds. Another condition is if bottle is not placed in the machine properly then also buzzer alert will come because the machine is unable to scan the QR code.

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