# ABSTRACT

Water has become the most commercial products of the century. The stress on the multiple water resources is a result of many factors. On the one hand, the rapidly rising population and changing lifestyles have increased the need for fresh water. The problem of need of water at the low cost and to provide it as per the need of individual is well known. So, the water need to be provided as per need at low cost to quench thirst is important.

All we need to do is to storage of water, Paper glass and electricity source for the machine and it’s done. It has features that allows the customer to purchase and pay without being assisted by anyone. So there is a need to provide sufficient safe drinking water with minimum cost and without using plastic bottles or glass causing pollution and solid waste is also not biodegradable so impacting the environment adversely. The vending machine dispenses water the when coin is inserted in it. It follows the process of filling of the paper glass from the loaded stack of paper glass. The volume of flow rate of water is calculated on the basis of metering system using sensors and the volume of water collected in glass which is being served to the PASSERBY is calculated.

This is a product which will be the connecting link between government organizations and individuals or NGOs or companies to have such water distribution system which will aid in public welfare. Even companies can install such machines leading to reduced supply chain costs incurred presently and also to reduce overall cost as product is directly supplied to the end user. Even this system can be utilized for other beverages by proper changes.