

## ABSTRACT

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Now a lot of a garbage dump that could not accommodate waste excessive and keep increasing the number so that the process of sorting be longer and more the garbage in garbage dump .Then it occurred to make the system of garbage sorting, this is a system of apparatus that can separate the garbage was mixed into one. With this system of waste into one will be divided into several parts .In a system of sorting there are belt conveyor , censorship , a magnet , blower and crusher . This instrument has its function described each belt conveyor is useful to bring waste , and sensors to check as monitoring of waste that goes , magnetic here useful to separate garbage main with waste iron and put it where waste iron , blower to separate garbage lightly with the main garbage , and the final crusher to destroy the trash of being trashy smooth. If there are garbage who are not included to a piece that is supposed to then the system will be deactivated .

Keywords :Trash Sorting System, Sorting Monitoring, Data Communication.