BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

SHUDHI
(SMART WASTE MANAGEMENT)

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INTRODUCTION

- Healthy life is a basic need of every individual.
- Healthy environment is a better place to live in. In the present case scenario environment is polluted by different means.
- To create a healthy society appropriate management of waste is must.
- In current periods, garbage discarding has become a basis of distress in the world.
- Waste management is the most challenging issue of the modern society.
- Fast growth in population, increased factory presence and modern lifestyle have contributed towards the large amount waste.
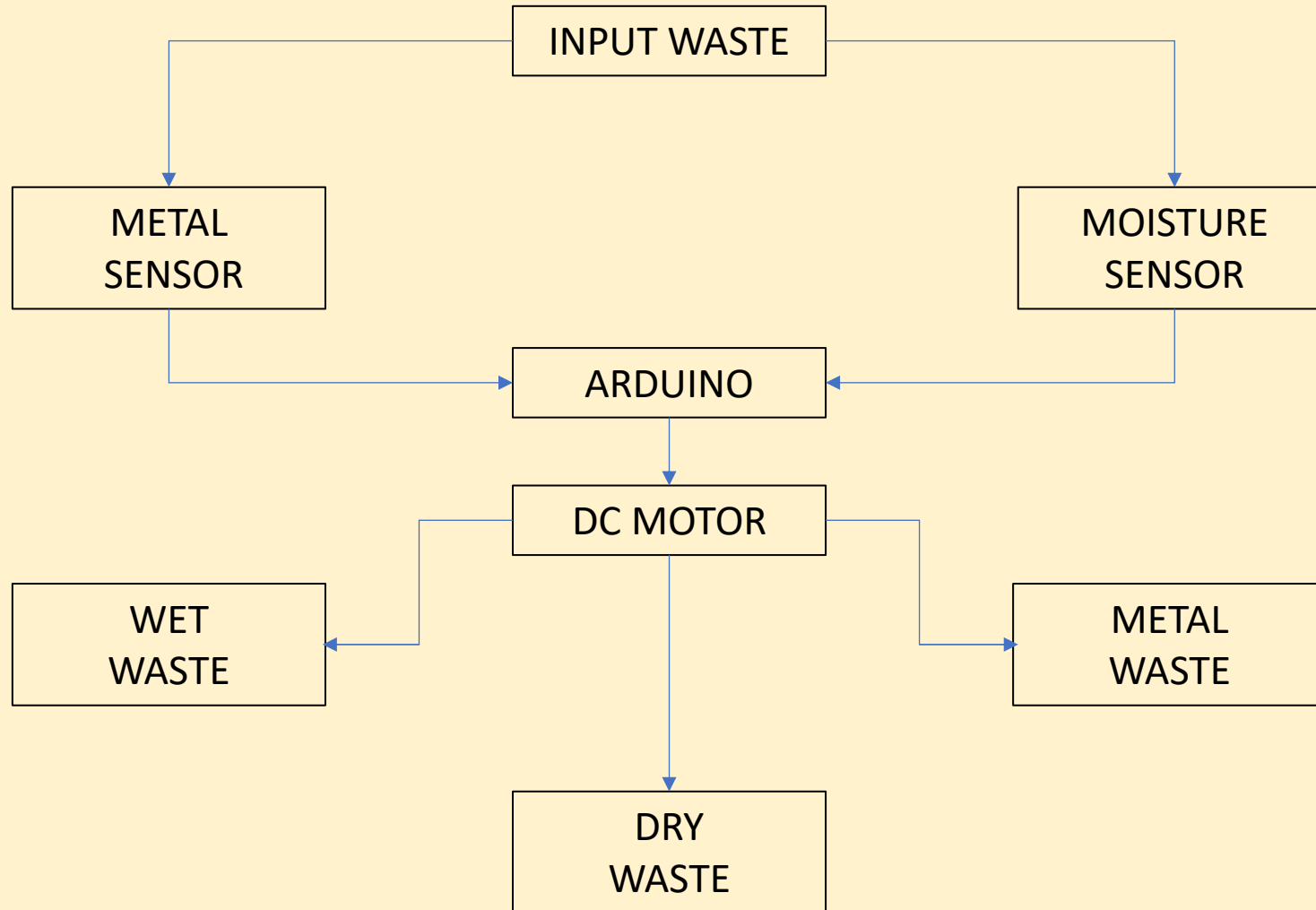- Waste management system at the domestic level creates a path for a tidy environment.

PROBLEM STATEMENT

- Garbage discarding is a major issue.

- Poorly managed waste has direct implications to urban environment which in a long term have negative impacts on the health of the citizens.

OBJECTIVES

- Clean and tidy society.

- Protection of the health of the population.

- Efficient and easy waste segregation at domestic level.

- To govern the process of waste management process with simplicity.

- Refining sorting and recycling.

- Reduce resources like human effort, time and cost.

PROPOSED METHODOLOGY

REQUIREMENT SPECIFICATION

- Moisture sensor

- Metal sensor

- Arduino

- DC motor

APPLICATIONS

- Can be used in every household.

- Suitable for use in any kind of institution such as schools, restaurants, malls etc.

EXPECTED OUTCOMES

- Organized waste disposal system.

- Device that is easy to use at the household level.

- System with low maintenance.

- A device that helps to classify the waste which will make the further steps of disposing the waste easier.

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THANK YOU!