



COLLEGE NAME : PRIYADARSHINI
ENGINEERING COLLEGE

COLLEGE CODE : 5119

COURSE NAME : INTERNET OF THINGS (IOT)

GROUP NUMBER : GROUP 2

PROJECT TITLE : SMART WATER FOUNTAIN

PROJECT SUBMITTED TO : SKILL UP ONLINE

YEAR : 3

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SMART WATER FOUNTAIN

DEVELOPMENT:

THERE HAVE BEEN QUITE A LOT OF WATER FOUNTAIN PRODUCTS ON THE MARKET [4], WHILE MOST OF THEM HAVE ONLY FILTRATION AS AN EXTRA FUNCTION BESIDES PROVIDING RUNNING WATER. [5] THE SIZE OF THE WATER FOUNTAIN LIMITS THE CAPACITY OF THE WATER SOURCE THAT MOST WATER FOUNTAINS CANNOT STORE ENOUGH WATER FOR MULTIPLE PETS TO DRINK IN SEVERAL DAYS.

OUR WATER FOUNTAIN CAN BE CONNECTED TO AN EXTRA WATER SOURCE THAT PROVIDES ENOUGH WATER FOR LONG-TERM USAGE. THE LINK IS ADAPTABLE TO UNIVERSAL WATER BOTTLES FOR CONVENIENCE. THE SUFFICIENT WATER SOURCE AS WELL AS AUTOMATIC REPLACING AND REFILLING FUNCTION ENABLE PET OWNERS TO LEAVE HOME FOR SEVERAL DAYS WITHOUT WORRYING ABOUT WATER SUPPLY FOR PETS

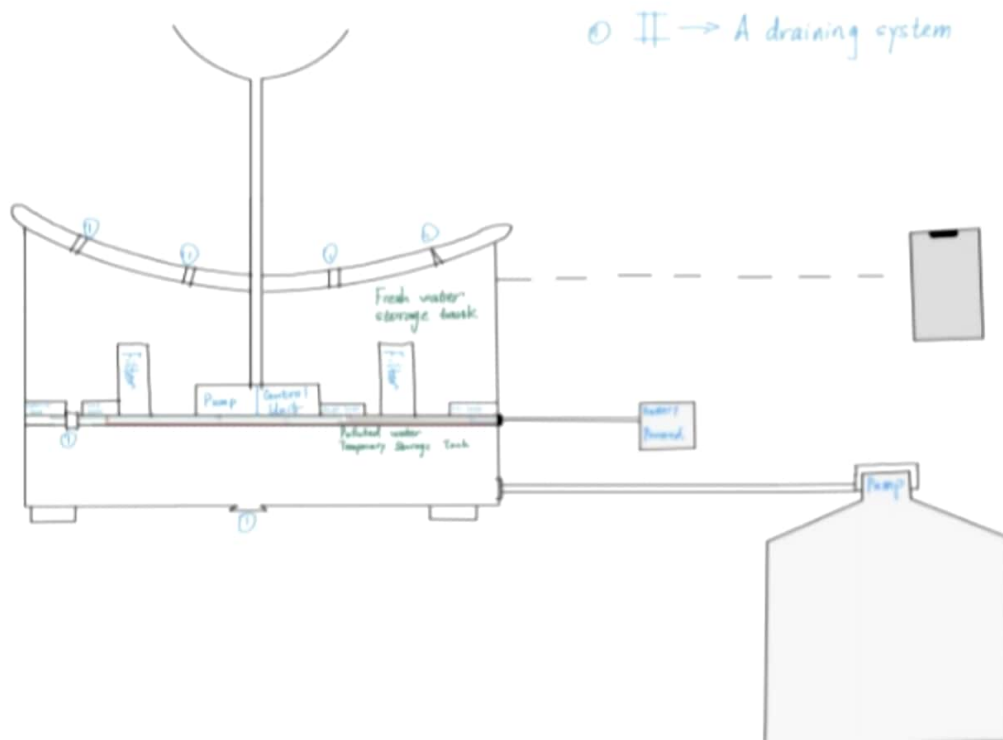


Figure 1 Smart Fountain Physical Diagram