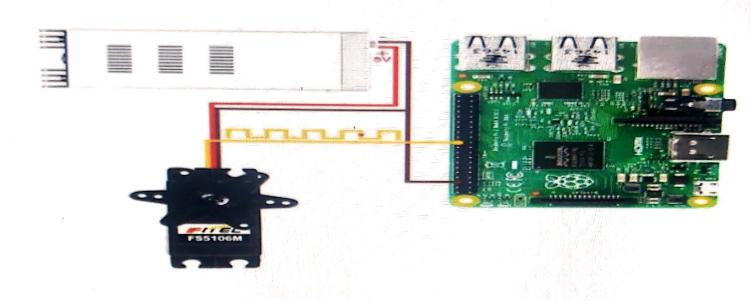
## Experiment: 12 Aim Develope a Real time application like trame with following requirement when user enteres into house the required appliances like Jan, light should be swither Appliances should also get controlled remotely by a sintable websunterface. The objective of this application is student should construct complete smart application in grap Theory 1) Basics - Send emails using Lython The smtplib module of Python is basically all you need to send simple emails without any subject line ar such additional infa But you real emails you do need a subject line and tets of info may be even pertures This is where fython's email package comes an email message using the email package alone you need a combination of both email and emtplib. How to send emails Set up the SMTP server and log into your actount

Scanned with CamScanner

2 Greate the MME Multipart may object and load it with approximate headons four tram to and Subject Fields addyour message body 4 Send the may using the SMTP server object The smtles The smile module definer an SMTP client servicen object that can be used to send mail to any Internet machine with an SMTP cer FSMTP Justemer daemon 2. SMTP sobsien Stands Jeen Simple Mail Transfer Protocol. The smtplib modules is useful for communicating with mail server to send mail 3 Sending mail is done with Python's emtplib using an SMTP server of the email and settings of the email sower the instruction here are based on sending email through Gmail. Servo Motor A servo Motor is a combination of pc motor, position control system and gears. Serves have many applications in the modern world and with that they are available in diff shape and sizes. We will be using SGgo Servo Motor which is one of the popular and

mainly has three wires one is for the voltage another if is for ground and last one is for position sotting. The Red were is connecte d to ground to signal wire is connected were connected servo motos is a combination of pc motor position control and gears, Services have with that they are avaleable in differen shape and sizes le will be using 50,90 Servo Hotor which is one of the popular and A sowo Motor mainly has three wires one is for the voltage and other ground and last for position setting. The red wire connected to power Brown to ground orange to sityma



Sheps

- Create the lock umlock application to control
the server motor lock change its owner
and group assumed data docation: I varilismed
is liste the application to read him!
The image and send it as emission attachment
to the resor location: I var I was will him!

Conclusion
Thus we have developed smart Home System