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INNOVATIVE & APPLICATION ORIENTED PROJECTS ON SVSEMBEDDED SYSTEMS

(8051/AVR/ARM7/MSP430/RENESAS/ARM cortex M3)

HOME AUTOMATION BASED PROJECTS



1. ZIGBEE BASED WIRELESS HOME SECURITY SYSTEM
2. ZIGBEE BASED HOME SECURITY SYSTEM USING ARM
3. WIRELESS TALKING TOUCH HOME
4. WIRELESS SENSOR NETWORK FOR HOME-CARE SYSTEM USING ZIGBEE.
5. WIRELESS SENSOR NETWORK BASED HOME MONITORING SYSTEM FOR WELLNESS DETERMINATION FOR ELDERLY(IEEE2012)

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6. WIRELESS SECURED HOME USING RF
7. WIRELESS HOME SECURITY SYSTEM
8. WIRELESS HOME MONITORING SYSTEM USING BLUETOOTH
9. WIFI BASED ADVANCED HOME AUTOMATION SYSTEM
10. VOICE RECOGNITION BASED WIRELESS HOME AUTOMATION WITH INTENSITY CONTROL – (2011)
11. VOICE RECOGNITION BASED WIRELESS HOME AUTOMATION SYSTEM
12. TOUCH SCREEN BASED HOME AUTOMATION WITH DOOR CONTROLLING.
13. TOUCH SCREEN BASED ADVANCED HOME AUTOMATION SYSTEM FOR NEXT GENERATION APARTMENTS
14. THE DESIGN OF DOOR PHONE AND CONTROL SYSTEM FOR HOME SECURE APPLICATIONS-IEEE 2011
15. TALKING TOUCH HOME (TTH).
16. SPEECH RECOGNITION BASED WHEEL CHAIR OPERATION AND WIRELESS HOME DEVICES CONTROL SYSTEM
17. SPEECH CONTROLLED HOME/INDUSTRIAL APPLIANCES
18. SMS ELECTRICAL APPARTUS CONTROL IN HOMES, OFFICES, AND PLANT
19. SMS BASED HOME AUTOMATION USING GSM NETWORK
20. SMARTCARD BASED HOME/OFFICE SECURITY SYSTEM
21. SMART PHONE OPERATED AC LAMP DIMMER CONTROL FOR INTELLIGENT HOME
22. SMART HOME SEURITY SYSTEM USING ANDROID
23. SMART HOME SECURITY SYSTEM BASED ON ANDROID SMART PHONE (TEMPERATURE, GAS. FIRE,LDR,MOTION,LIGHTS)
24. SMART HOME ENERGY MANAGEMENT SYSTEM USING IEEE 802.15.4 AND ZIGBEE

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25. SMART DIGITAL DOOR LOCK FOR THE HOME AUTOMATION
26. RF-IDBASED ACCESS CONTROL SYSTEM(HOME/OFFICE/INDUSTRIAL DATA LOGGER)
27. RFID BASED HOME/OFFICE SECURITY SYSTEM
28. RF-ID BASED ACCESS CONTROL SYSTEM(HOME/OFFICE/INDUSTRIAL DATA LOGGER)
29. RF BASED HOME SECURITY SYSTEM
30. RF BASED HOME AND SECURITY SYSTEM
31. RF BASED ADVANCED WIRELESS HOME AUTOMATION SYSTEM
32. REMOTELY CONTROLLING HOME APPLIANCES THROUGH MOBILE.
33. REMOTE HOME SECURITY SYSTEM BASED ON WIRELESS SENSOR NETWORK AND GSM TECHNOLOGY.
34. REMOTE HOME MONITORING THROUGH INTERNET AND CONTROLLING USING RF.
35. REMOTE CONTROLLING OF HOME APPLIANCES USING MOBILE TELEPHONY
36. REMOTE CONTROLLING OF HOME APPLIANCES USING LPC2148 AND MOBILE TELEPHONY
37. REMOTE CONTROLLED HOME APPLIANCE USING RF COMMUNICATION.
38. REMOTE CONTROL HOME AUTOMATION (USING RC5 PHILIPS TV REMOTE).
39. REMOTE CONTROL HOME APPLIANCES.
40. REAL-TIME HOME AUTOMATION BASED ON GSM AND WIRELESS ZIGBEE.
41. PIR AND GSM BASED HOME SECURITY SYSTEM.
42. PIR + GSM BASED HOME SECURITY SYSTEM BY USING LPC2148
43. PC BASED HOME AUTOMATION

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44. PATIENT MONITORING USING GSM & ZIGBEE FOR HOSPITALS & OLD AGE HOMES
45. PASSWORD BASED CONTROL OF HOME APPLIANCES
46. MORE EFFICIENT HOME ENERGY MANAGEMENT SYSTEM BASED ON ZIGBEE COMMUNICATION AND INFRARED REMOTE CONTROLS
47. MODERN HOME AUTOMATION (AC/DC) USING SERIAL COMMUNICATION THROUGH PC
48. MOBILE MONITORING SYSTEM FOR SMART HOME (IEEE2010).
49. MOBILE MONITORING FOR SMART HOME USING GSM TECHNOLOGY.
50. MOBILE BASED HOME AUTOMATION WITH VOICE RESPONSE SYSTEM.
51. MOBILE BASED HOME AUTOMATION WITH VOICE FEEDBACK SYSTEM.
52. MICROCONTROLLER BASED HOME AUTOMATION SYSTEM
53. MATLAB GUI CONTROLLED HOME/INDUSTRIAL AUTOMATION
54. LOCATION DRIVEN CAR MUSIC PLAYER. (PLAYS DEVOTIONAL SONGS NEAR TEMPLES, SHUTS AT HOME ETC.)
55. J2ME JAVA PHONE CONTROLLED HOME AUTOMATION
56. IR BASED 8 CHANNEL HOMES REMOTE CONTROL USING MICROCONTROLLER
57. INTERNET BASED HOME-AUTOMATION USING AVR ATMEGA32 & ENC28J60.
58. INTELLECTUAL HOME AUTOMATION USING INTERACTIVE VOICE COMMUNICATION
59. INFOPODS: ZIGBEE-BASED REMOTE INFORMATION MONITORING DEVICES FOR SMART-HOMES-IEEE 2010.
60. IMPLEMENTATION OF ZIGBEE-GSM BASED HOME SECURITY MONITORING AND REMOTE CONTROL SYSTEM
61. IMPLEMENTATION OF HI TECH HOME USING PC.

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62. HOME/OFFICE AUTOMATION BASED ON ANDROID PHONE
63. HOME/INDUSTRIAL SECURITY SYSTEM BASED ON LPG GAS, SMOKE AND FIRE SENSORS WITH CALL ALERTS AND SMS ALERTS.
64. HOME SYSTEM WITH VOICE REMOTE CONTROL - THE NEW BUILDING AUTOMATION BY HOMESYSTEM
65. HOME SECURITY WITH VOICE ALERTS & VIRTUAL KEYPAD AUTHENTICATION
66. HOME SECURITY SYSTEM.
67. HOME SECURITY SYSTEM BASED ON WIRELESS RF TECHNOLOGY
68. HOME SECURITY SYSTEM BASED ON LPG GAS, SMOKE AND FIRE SENSORS WITH SMS BASED ALERTS
69. HOME AUTOMATION USING ZIG-BEE
70. HOME AUTOMATION USING SERIAL COMMUNICATION
71. HOME AUTOMATION USING MOBILE TECHNOLOGY.
72. HOME AUTOMATION USING MOBILE
73. HOME AUTOMATION USING GSM.
74. HOME AUTOMATION USING CLOUD NETWORK AND MOBILE DEVICES.
75. HOME AUTOMATION SYSTEM.
76. HOME AUTOMATION FOR DISABLE PERSONS USING HIS PERSONAL VOICE TAG
77. HOME AUTOMATION AND SECURITY USING GSM MODEM WITH SMS
78. HOME AUTOMATION (AC/DC) USING PC INTERFACE.
79. HOME APPLIANCES MONITORING AND CONTROLLING SYSTEM USING GSM WITH FENCING AUTO ALERTS.
80. HOME APPLIANCES MANAGEMENT SYSTEM USING CONTROLLER AREA NETWORK
81. HOME APPLIANCES CONTROLLING USING RESISTIVE TOUCHSCREEN

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82. HOME APPLIANCES CONTROL USING TV REMOTE.
83. HOME APPLIANCE MONITORING AND CONTROLLING SYSTEM USING GSM WITH FENCING AUTO ALERTS.
84. HOME / OFFICE SECURITY SYSTEM.
85. HOME / INDUSTRIAL AUTOMATION USING ZIGBEE TECHNOLOGY.
86. HOME (OR) OFFICE SECURITY SYSTEM WITH VOICE ANNOUNCEMENT.
87. HI-TECH HOME APPLIANCE MONITORING AND CONTROLLING USING SMARTPHONE
88. HAND HELD DEVICE TO CONTROL THE HOME APPLIANCES AND VOICE COMMAND ANNOUNCEMENTS FOR DUMB/ILLITERATES USING ONE INPUT PIN OF MICRO CONTROLLER.
89. GSM BASED WIRELESS HOME APPLIANCES MONITORING & CONTROL SYSTEM
90. GSM BASED HOME SECURITY SYSTEM. GET INTRUSION ALERTS LIKE DOOR/WINDOWS OPEN ALERTS ONTO YOUR CELL PHONE.
(GSM+MICROCONTROLLER)
91. GSM BASED HOME SECURITY SYSTEM
92. GSM BASED HOME SECURITY AND AUTOMATION SYSTEM.
93. GSM BASED HOME AUTOMATION FOR UNLIMITED RANGE
94. GSM BASED ADVANCED HOME SECURITY SYSTEM USING MICROCONTROLLER
95. GSM – BASED WIRELESS HOME APPLICATION MONITORING AND CONTROL SYSTEM-IEEE 2009 .
96. GOOGLE ANDROID OPERATED SMART HOME.
97. FRIENDLY HOME AUTOMATION SYSTEM USING J2ME WITH VOICE MESSAGES
98. FRIENDLY HOME AUTOMATION SYSTEM USING CELLPHONE.

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99. FINGER PRINT IDENTIFICATION BASED HOME AUTOMATION WITH ADVANCED SENSOR
100. EXPLOITING BLUETOOTH ON ANDROID MOBILE DEVICES FOR HOME SECURITY APPLICATION
101. ETHERNET BASED HOME AUTOMATION
102. EMBEDDED WEB SERVER FOR HOME AUTOMATION [WEBPAGE].
103. E-HOME AUTOMATION.
104. DTMF BASED HOME SECURITY SYSTEM
105. DTMF BASED HOME AUTOMATION SYSTEM.
106. DTMF (DUAL-TONE MULTI-FREQUENCY) BASED DEVICE / HOME APPLIANCES CONTROL
107. DTMF BASED HOME DEVICE CONTROLLING.
108. DIGITAL CONTROL FOR HOME LIGHTING SYSTEMS WITH ZIGBEE COMMUNICATION
109. DEVELOPMENT OF ZIGBEE BASED HOME SECURITY SYSTEM
110. DEVELOPMENT OF EMBEDDED SYSTEM FOR CONTROL OF HOME APPLIANCES USING WIRELESS.
111. DEVELOPMENT OF EMBEDDED SYSTEM FOR CONTROL OF HOME APPLIANCES USING RF.
112. DEVELOPMENT OF EMBEDDED SYSTEM FOR CONTROL OF HOME APPLIANCES USING IR.
113. DEVELOPING A VOICE CONTROL SYSTEM FOR ZIGBEE-BASED HOME AUTOMATION NETWORKS
114. DESIGN OF SMART HOME BASED ON EMBEDDED SYSTEM
115. DESIGN OF REMOTE INTELLIGENT HOME SYSTEM BASED ON ZIGBEE AND GPRS TECHNOLOGY

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116. DESIGN OF INTELLIGENT HOME APPLIANCE CONTROL SYSTEM BASED ON ARM AND ZIGBEE (2012)
117. DESIGN OF HOME MONITORING SYSTEM USING ZIGBEE
118. DESIGN AND REALIZATION OF A FRAMEWORK FOR HUMAN–SYSTEM INTERACTION IN SMART HOMES
119. DESIGN AND IMPLEMENTATION OF MECHANISM FOR STANDBY POWER REDUCTION IN HOME APPLIANCES
120. DESIGN AND IMPLEMENTATION OF AN EMBEDDED HOME SURVEILLANCE SYSTEM WITH ULTRA-LOW ALERT POWER (IEEE2011).
121. CONTROLLING THE HOME APPLIANCES USING TV REMOTE
122. CONTROLLING HOME APPLIANCES VIA PC
123. CONTROLLING HOME APPLIANCES USING TV REMOTE
124. BLUETOOTH ENABLED HOME/INDUSTRIAL AUTOMATION.
125. BLUETOOTH HOME AUTOMATION SYSTEM THROUGH PC.[FRONT END VB]
126. BLUETOOTH ENABLED SMART PHONE REMOTE CONTROL FOR HOME AUTOMATION.
127. BLUETOOTH ENABLED HOME/INDUSTRIAL AUTOMATION
128. BLUETOOTH ENABLED HOME AUTOMATION
129. BLUETOOTH BASED ADVANCED WIRELESS HOME AUTOMATION SYSTEM.
130. BIDIRECTIONAL MEDICATION SUPPORT SYSTEM FOR MEDICAL STAFF AND HOME CARE PATIENTS
131. AUTOMATED VOICE BASED HOME NAVIGATION SYSTEM FOR ELDERLY AND PHYSICALLY CHALLENGED.
132. AUTHORIZED HOME APPLIANCES CONTROL USING SMART PHONE.

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133. ARM7 LPC 2148 PROCESSOR BASED VOICE COMMAND SYSTEM FOR
HOME APPLIANCE CONTROL

134. ANDROID SPEECH RECOGNITION BASED HOME AUTOMATION

135. ANDROID SMART PHONE OPERATED INTELLIGENT HOME.

136. ANDROID SMART PHONE BASED HOME AUTOMATION.

137. ANDROID PHONE OPERATED WIRELESS (BLUETOOTH) HOME
AUTOMATION.

138. ANDROID MEETS LED BULBS IN SMART-HOME AUTOMATION.

139. AN RFID-BASED REMINDER SYSTEM FOR SMART HOME

140. AN INTELLIGENT SELF-ADJUSTING SENSOR FOR SMART HOME
SERVICES BASED ON ZIGBEE COMMUNICATIONS.

141. ADVANCED SECURITY SYSTEM FOR HOME.

142. ADVANCED PATIENT MONITORING AND ALERT SYSTEM USING ZIGBEE
AND GSM FOR HOSPITALS AND OLD AGE HOME'S

143. ADVANCED FULL FUNCTION REMOTE HOME AUTOMATION SYSTEM
USING ENCRYPTED RF TECHNOLOGY

144. A VOICE BASED WIRELESS HOME AUTOMATION SYSTEM FOR
MULTIFUNCTIONAL DEVICES.

145. A VOICE BASED HOME CLIMATE CONTROL, LIGHTS & DEVICES.

146. A SMART HOME SECURITY USING BLUETOOTH ANDROID

147. A REMOTE HOME SECURITY SYSTEM BASED ON WIRELESS SENSOR
NETWORK AND GSM TECHNOLOGY (IEEE2011).

148. A MOBILE AGENT BASED DISTRIBUTED INTELLIGENT CONTROL
SYSTEM ARCHITECTURE FOR HOME AUTOMATION

149. A METHOD OF REMOTE CONTROL FOR HOME APPLIANCE USING FREE
HAND GESTURE

150. A LOW COST GSM BASED WIRELESS HOME SECURITY SYSTEM

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151. 8051 BASED HOME APPLIANCES CONTROL SYSTEM USING GSM

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