

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141061184 A

(19) INDIA

(22) Date of filing of Application :28/12/2021

(43) Publication Date : 07/01/2022

(54) Title of the invention : HOME AUTOMATION CONTROL BASED ON INDIVIDUALIZED PROFILING AND METHOD THEREOF

<p>(51) International classification :H04L0012280000, G05B0015020000, G05B0019042000, H04L0012640000, G06Q0040000000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No :NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Malla Reddy Engineering College (Autonomous) Address of Applicant :Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)BODA AISHWARYA Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>2)BUSSA SATHWIKA Address of Applicant :Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>3)Dr.A.Ramaswami Reddy Address of Applicant :Director & Professor,CSE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>4)SANJEEVA POLEPAKA Address of Applicant :Associate Professor M.Tech, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>5)Dr. Pattola Srinivas Address of Applicant :Professor Ph.D ,Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>6)B.Rajarao Address of Applicant :Assistant Professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>7)Dr. B HARI KRISHNA Address of Applicant :Associate professor Ph. D Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>8)G JAGAN NAIK Address of Applicant :Associate Professor,M.Tech, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>9)D Krishna kishore Address of Applicant :Associate professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>10)P.Andrews Himakiran Address of Applicant :Associate Professor M.Tech Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p> <p>11)Dr. T. Srinivas Reddy Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. -----</p>
---	---

(57) Abstract :
7. ABSTRACT The present invention relates to home automation system, and non-transitory, machine-readable media that facilitate personalized home automation control based at least in part on individualized protocol. First sensor data may be received, and may be indicative of an identified individual that is sensed by a set of sensors. A particularized pattern of activity of individual may be determined. Second sensor data may be indicative of an unidentified individual. Identification rules specified by a stored protocol record may include criteria for identifying sensed individuals. The second sensor data and/or identification information from another data source may be analyzed to identify the unidentified individual. A home automation rule may be determined based on the particularized pattern, which rule may include an anticipation of an operational setting of a home automation device. The home automation device may be instructed based on the determined home automation rule. Refer Fig.1

No. of Pages : 21 No. of Claims : 10