

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411002902 A

(19) INDIA

(22) Date of filing of Application :15/01/2024

(43) Publication Date : 02/02/2024

(54) Title of the invention : SYSTEM FOR ENABLING INTER-SUBSYSTEM RESOURCE SHARING

(51) International classification :G06F0009500000, H04L0041089600, H04W0088060000, H04W0072040000, H04L0012400000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Chitkara University
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited
Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :
1)MISHRA, Rahul
 Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

2)SINGH, Dhiraj
 Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

3)KUKREJA, Vinay
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :
 The system discloses a resource management module (102) that continuously monitors the availability and status of resources within the system. When a subsystem (106) requires access to shared resources, it sends a resource request to the resource management module (102) through the resource sharing module (104). The resource management module (102) evaluates the request, considering factors such as resource availability, subsystem priorities, and predefined allocation policies. Based on this evaluation, the resource management module (102) allocates the requested resources to the subsystem (106) through the resource sharing module (104). The resource sharing module (104) facilitates communication and coordination among the subsystems (106), ensuring efficient sharing of resources and avoiding conflicts or resource contention.

No. of Pages : 23 No. of Claims : 10