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(51) International classification	:H04L0029140000, G06F0011200000, G06F0011140000, G06F0011070000, H04L0029060000	(71)Name of Applicant : 1)Ms.Sonia Chhabra Address of Applicant :Assistant Professor, Department of CSE, Sharda University Greater Noida, Uttar Pradesh-201310 Greater Noida ----------- ----------- 2)Dr. Shakil Shaikh 3)Dr. L. Javid Ali 4)Dr. John Kalloor 5)Dr. Suresh Babu Perli 6)Dr. Vikas Tripathi 7)Dr. Hemant Baradkar Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Ms.Sonia Chhabra Address of Applicant :Assistant Professor, Department of CSE, Sharda University Greater Noida, Uttar Pradesh-201310 Greater Noida ----------- ----------- 2)Dr. Shakil Shaikh Address of Applicant :Assistant Professor, Department of English, Rayat shikshan Sansthan's, Karmaveer Bhaurao Patil college Vashi, Navi Mumbai 400703 Vashi -- --------- ----------- 3)Dr. L. Javid Ali Address of Applicant :Associate Professor, Department of Information Technology, St.Joseph's Institute of Technology, Old Mahabalipuram Road, Semmencherry, Chennai-600119 KANCHIPURAM ----------- ----------- 4)Dr. John Kalloor Address of Applicant :Department of Electrical and Electronics Engineering, Annamalai University, Chidambaram, Tamilnadu-608002 CUDDALORE ----------- ----------- 5)Dr. Suresh Babu Perli Address of Applicant :Assistant Professor Grade-1, Department of Electrical Engineering, NIT Warangal, Warangal-506004 WARANGAL ----------- ----------- 6)Dr. Vikas Tripathi Address of Applicant :Department of Computer Science & Engineering, Graphic Era Deemed to be University, Dehradun, Uttarakhand, India, 248002 Dehradun ----------- ----------- 7)Dr. Hemant Baradkar Address of Applicant :Professor, Department of Electronics and Telecommunication, Jagdamba College of Engineering, Yavatmal 445001, Maharashtra, India Yavatmal ----------- -----------
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(57) Abstract :
A procedure for achieving fault tolerance in client-server computer architecture. When first established, a connection between a client and a mail server is made. Typically, the main server is responsible for handling all of the transactions involving the clients. On the other hand, a secondary connection is dedicated to a backup server, and in the event that the main server is ever rendered inoperable, the client will be instantly redirected to the backup server. The client stores information about in-flight transactions that correspond to transactions that are presently being handled by the main server. The client also periodically updates this information. The client sends regular polling requests to the main server in order to determine whether or not the primary server is operating correctly. In the event that the primary server experiences a failure, any transactions that were in progress on the primary server at the time of the failure will be rolled back, and the client will be required to resubmit any in-flight transaction information to the backup server. This will allow the client to finish any transactions that were in progress on the primary server when the failure occurred. Failures on the server are not noticeable to the user as a result.

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