

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041054862 A

(19) INDIA

(22) Date of filing of Application :17/12/2020

(43) Publication Date : 01/01/2021

(54) Title of the invention : An Intelligent C/C++ Family Code Sketch Assistant(ICSA)to Predict and Sketch the Programming Code.

<p>(51) International classification :H01L 27/112</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</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 : <b>1)Dr. M. Ramesh (Professor)</b> Address of Applicant :DEPARTMENT OF INFORMATION TECHNOLOGY, RVR &amp; JC COLLEGE OF ENGINEERING, GUNTUR 522019, ANDHRA PRADESH, INDIA. E-mail: mrameshmailbox@gmail.com Andhra Pradesh India</p> <p><b>2)Sri. M. V. Bhujanga Rao (Assistant Professor)</b></p> <p>(72)Name of Inventor : <b>1)Dr. M. Ramesh (Professor)</b> <b>2)Sri. M. V. Bhujanga Rao (Assistant Professor)</b> <b>3)Dr. G. Ram Mohan Babu (Professor)</b> <b>4)Dr. V. Sesha Srinivas (Assistant Professor)</b> <b>5)Sri G. Srinivasa Rao (Associate Professor)</b> <b>6)Sri V. Venkata Srinivasu (Assistant Professor)</b> <b>7)Smt. N. Neelima (Assistant Professor)</b> <b>8)Sri K. Subramanayam (Assistant Professor)</b> <b>9)Smt. B. Manasa (Assistant Professor)</b> <b>10)Sri K. Gowrisankar (Assistant Professor)</b> <b>11)Sri Bh. Krishna Mohan (Assistant Professor)</b></p>
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(57) Abstract :

ABSTRACT Our Invention An Intelligent C/C++ Code Sketch Assistant(ICSA) is an intelligent system used to predict the source code task written in a programming language and used to store the fold and sketch of a new program. ICSA is a computer system/program for converting C/C++ programming constructs and features into a descriptive summary source code. The invented technology the system/program has a program source code conversion means for converting C/C++ source codes including C/C++ keywords descriptive summaries or comments intoeasily readable form used in software development process. The invented technology the system/program can be in the form of a compiler or incorporated into a computer operating system so that the programming language for the system interface can be selected described easily. The invented technology an intelligent automated assistant system engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The invented technology the system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like or any combination thereof. The system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

No. of Pages : 25 No. of Claims : 8