

Online IDE for Web Based Learning

Prajyot Burbure¹, Shreyash Mohod², Om Sonone³, Sanket Tikar⁴, Faizan Khandwani⁵

Project Group Leader, Department of Information Technology¹

Project Group Member, Department of Information Technology^{2, 3, 4}

Project Guide and Assistant Professor, Department of Information Technology¹

Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India

Abstract: *A atmosphere of program-based mobility could have numerous advantages. For instance, a substantial online application is wanted, and the client needs persuading clarification to finish difficult. instrument installation and update procedures. This project will also eliminate the need for expensive and imaginative standard programming equipment's, such as workspaces or workstations, because clients can do so with the help of our foundation Cloud IDE, which requires only a working web affiliation and a standard web program and is accessible on a variety of devices, including phones, tablets, and computers. With security layers, denial of unauthorized access, and data debasement, the stage will be completely safe. In this paper we present a web-Application, Website utilizing which IT jobseeker's/understudies will actually want to rehearse information construction and calculation in organized and proficient way. Site will comprise of an IDE(Integrated Development Environment) utilizing which individuals will run their program(related to DSA) in any dialects like java, c/c++, Go and JavaScript and so on..*

Keywords: Multi Language Cloud IDE, E-Mentoring, Online Learning Platform, Data Structures and Algorithms

REFERENCES

- [1]. Code-Helper: A Web-Based Lightweight IDE for E-Mentoring in Online Programming Courses by Xiao Liu from Department of Information Convergence Engineering Pusan National University Busan, Republic of Korea and Gyun Woo Department of Information Convergence Engineering Pusan National University Busan, Republic of Korea.
- [2]. CIRANO: An integrated programming environment for multi-tier cloud-based applications by George Fylaktopoulos, Georgios Goumas.
- [3]. Robbes, Romain, and Michele Lanza. "Improving code completion with program history." *Automated Software Engineering* 17.2 (2018): 181- 212.
- [4]. Online Code Compilation using Cloud Computing Jasmeet Chhabra, Shubham Bhatia, Vaibhav Kamal Nigam, Rashik Bhasin.
- [5]. Improved Interaction in Web-Based Cloud IDE Rajesh Hegde, Karunakara K.
- [6]. Integrated Development Environment as a Service (IDEaaS) - Models and Architecture part of the Google Cloud Core Services Orges Cico Canadian Institute of Technology Rr. Andon Zako Cajupi, Zayed Center, Tirana, Albania Zamir Dika South East European Univeristy SEEU, Ilindenska 335, Tetovo 1200, Macedonia (FYROM).
- [7]. RESTful API Automated Test Case Generation Andrea Arcuri Westerdals Oslo ACT, Oslo, Norway and SnT, University of Luxembourg, Luxembourg.
- [8]. Web Based Integrated Development Environment Mala Dutta, Kamal K Sethi, Ajay Khatri. *IJITEE*: ISSN: 2278-3075, Volume-3, Issue-10, March 2018.