ABSTRACT

Team Name: CodeBreakers

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| Name | Registration No | Branch |
| Harshit Garg | 20184035 | CSE |
| Sujeet Kushwaha | 20184098 | CSE |
| Shivam Gupta | 20184094 | CSE |

Team Members:

Problem Statement - Online-Judge

* Description
  + A platform for code, compile and run problem codes in various programming languages.
  + Our portal provides a user-friendly interface to practice various problems and helps in enhancing competitive programming skills.
  + This interface allows you to compete with your friends, followers and the top coders around the globe.
  + Eligible users can create their own problems and contests.

* Basic Features
  + Login/Signup facility for users and problem setters.
  + Admin panel for validation of users and the problems.
  + Code, compile, run and submit facility.
  + Showing questions based on tag and difficulty.
  + User dashboard showing followers and questions solved by him.
  + Showing user performance graph.
  + Showing all contest past, present and future.
  + Contest live leaderboards with various filters.
* Advanced Features
  + Create, manage and evaluate contest.
  + User-friendly and smart ide-based editor.
  + Login/Signup with GitHub or Gmail.
  + Commenting facilities on questions.
* Technology Used
  + - Front-End
      * + HTML
        + CSS
        + JavaScript
        + Bootstrap4
    - Back-End
      * + NodeJs with ExpressJs
        + Embedded JS
        + AJAX
        + MYSQL
    - REST API
* Special Features
  + News Panel for Coders.
  + Verification of problems submitted by users via admin panel.