**INTERNSHIP: PROJECT REPORT**

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| Internship Project Title | RIO 45 - Design Document for a Responsive Question Creation Web App with Plagiarism |
| Project Title | Question Creation Web App with Plagiarism |
| Name of the Company | TCS iON |
| Name of the Industry Mentor | Nilesh Haridas |
| Name of the Institute | B. P. Poddar Institute of Management and Technology, Kolkata |

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| Start Date | End Date | Total Effort (hrs.) | Project Environment | Tools used |
| 21-07-2021 |  |  | Windows 10 OS, MERN Stack, Web-browser | MS Office, Paint, Visual-paradigm, Figma |
| Project Synopsis:  In this project we are going to design a responsive web application that will allow the Subject Matter Experts to enter questions and stores those in a database after doing a plagiarism validation using Google Search API services.  This web application will have a user-friendly interface for entering questions with a form like structure where validation will be integrated. Also, it will check the question texts and options along with picture if there is any plagiarism with the previous database of questions and also with the internet if there is any exposed content. It will show report of different matching percentages for both type of matches and based on that report the SME (user) can confirm or modify or reject any question to continue further steps. There will be another additional user confirmation option if user want to add a question with more than 50% match into the database. | | | | |
| What is Plagiarism – Description:  Plagiarism is presenting someone else’s work or ideas as your own, with or without their consent, by incorporating it into your work without full acknowledgement. All published and unpublished material, whether in manuscript, printed or electronic form, is covered under this definition. Plagiarism may be intentional or reckless, or unintentional. Under the regulations for examinations, intentional or reckless plagiarism is a disciplinary offence.  In this project we are going to design a web application that will prevent the unintentional plagiarisms while setting up questions by Subject Matter Experts into the database so that there are less repetition of questions from previous questions and also to prevent from entering questions those are exposed in the internet which can be easily found by students during exams and the chances of malpractice will increase eventually. That is why plagiarism check is very crucial while making questions as well. | | | | |
| Solution Approach: | | | | |
| Assumptions: | | | | |
| Project Diagrams: | | | | |
| Algorithms: | | | | |
| Outcome: | | | | |
| Exceptions considered: | | | | |
| Enhancement Scope: | | | | |
| Link to Code and executable file:  Not applicable for the current internship as it is only based on the Design Document. | | | | |