Project Title AI Plagiarism Detector Tool

Group Members Sewwandhi BTI :EG/2020/4210(Front End Developer)

Balasooriya JM :EG/2021/4424(UI/UX Designer)

Bandara KMTON :EG/2021/4432(Backend Developer)

Bandara LRTD :EG/2021/4433(Project Manager/Backend)

Contact Person Dr. Kushan Sudheera ([kushan@eie.ruh.ac.lk](mailto:kushan@eie.ruh.ac.lk))

Desired No of Group Members 04

Description:

Envision of the Ai Plagiarism Detector Tool is identifying and preventing plagiarism and AI created contents using the advanced machine techniques to ensure that the originality and the authenticity of the submitted works of the students assignments in the educational institutes.

Functional Requirements

1. Plagiarism Detection:

* Check the plagiarism ditection the submitted files.
* Prioritise to evaluate similarity of the assignment of the student’s by comparing previous year assignments and the same year assignments with giving the score.

1. AI-Generated Content detection

* Using the publicity accessible largr language models identify the AI generated Text.
* From that give the score .

1. Submission Portal Development

* Developing a user friendly platform for students and give the results of plagiarism like scoring.

1. Report Generation

* For the results create separate papers for AI detection and they should be downloadable.

1. Database Integration
2. Review and Resubmission