ARTIFICIAL INTELLIGENCE SCSJ 3553

PROGRESS 3

INTELLIGENT AGENT

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Understanding PEAS in Artificial Intelligence

Performances	Accuracy, correctly find out the similarity
Environments	Students, Teachers
Actuators	Smart Display
Sensors	Input text

PEAS Model

- PlagiarismChecker is a smart Sofware that allow students or teachers to count the number of words detected that is unique or plagiarized.

- Firstly, there are two controllers which are "Upload Controller" and "Detector Controller".

- Upload Controller is used to upload the files by the users which is sensed by the upload sensor.

- Then cause the software to switch on. To proceed with Calculate Similarity, user need to wait for few minutes.

- Calculate Similarity will calculate the uniqueness and plagiarized using AI based algorithm on the Content and Reference Link.

- Calculate Similarity from the Upload Controller. The screen will display the calculated plagiarized and uniqueness that obtained from the plagiarism calculator(Sensor). The signal will indicate the amount of plagiarism and uniqueness by changing the color that controlled by the Detector Controller.