ARTIFICIAL INTELLIGENCE SCSJ 3553
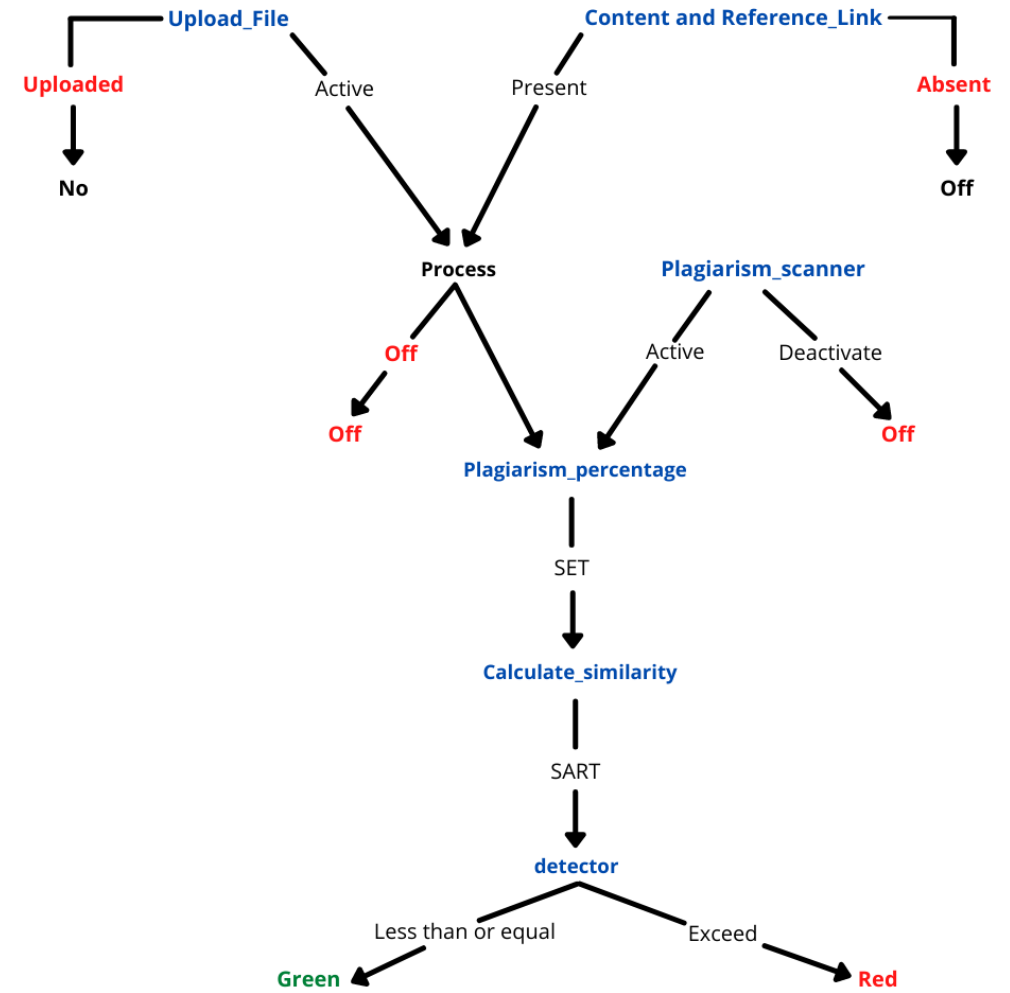
PROGRESS 2

STATE SPACE SEARCH

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Group Members

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State Space Search

Upload_File

Uploaded

No

Content and Reference_Link

Absent

Off

Active

Present

Process

Plagiarism_scanner

Off

Active

Deactivate

Off

Off

Plagiarism_percentage

SET

Calculate_similarity

SART

detector

Less than or equal

Exceed

Green

Red

When both Upload_File is active, Content and Reference_Link is present the process is on and the Plagiarism_detector will be activated. Then, user will set the Plagiarism_percentage according to the value needed and Calculate_similarity will start calculating the similarities according to the set percentage. Lastly, the Detector will turn to green if the current percentage is less than or equal than the set percentage else it will turn to red if exceed the set percentage.

Initial state = Upload_File, Content and Reference_Link

Actions = Process, Plagiarism_scanner, Plagiarism_percentage, Calculate_similarity

Goal = Detector (Green or Red)

Path cost = On, Off, Active, Deactivate, Set, Start, Less than or equal, Exceed, Present, Absent

END