

Automated Essay Grading

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PROBLEM

Law students write many essays over the course of their careers. Grading these essays is a very costly and time-consuming task. StudyBuddy Pro wants to alleviate this issue by creating an Automated Essay Grading system.

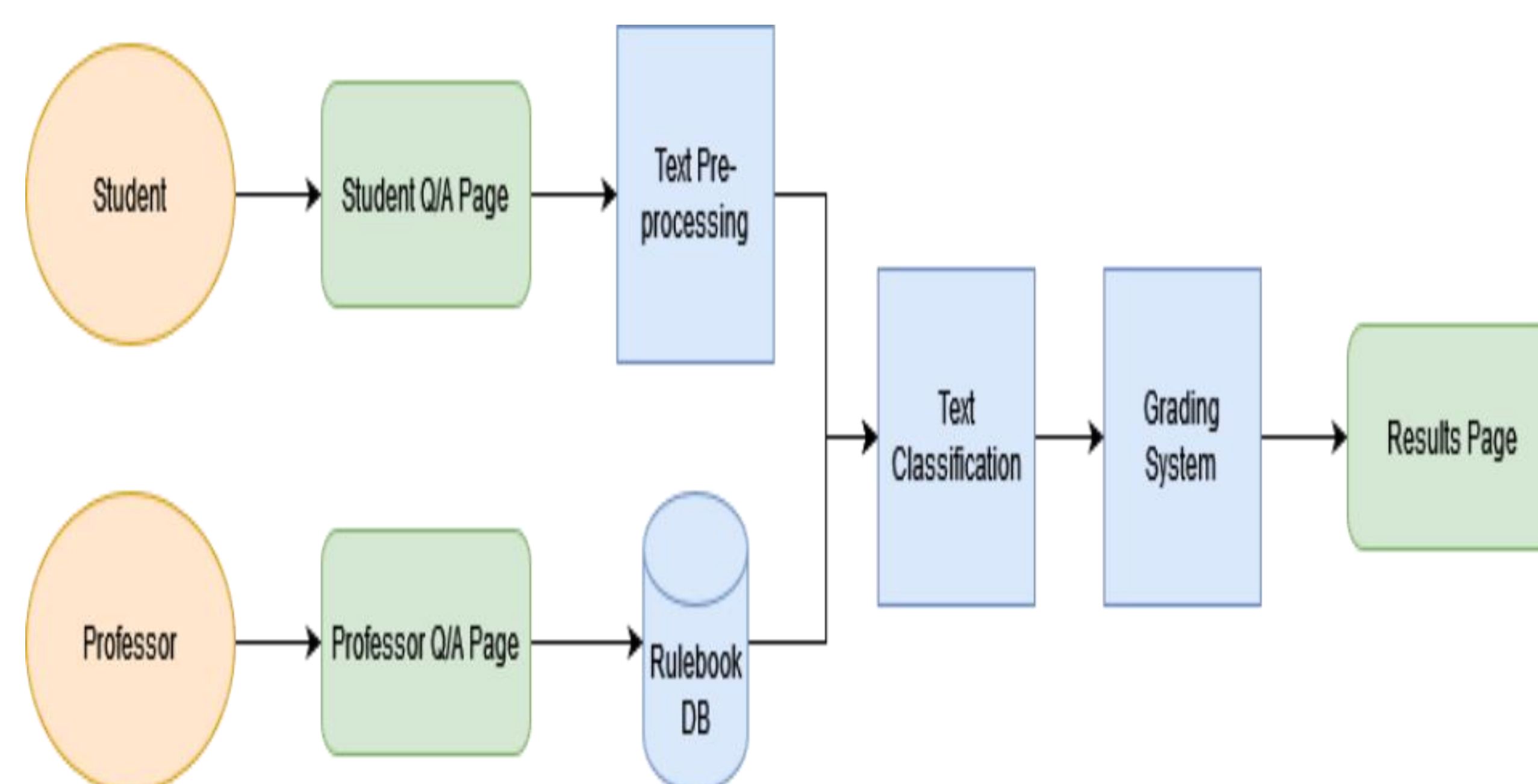
CURRENT SYSTEM

StudyBuddy Pro currently hosts many features which include case briefs, lessons, outlines, courses, quizzes, workshops, charts and notes

REQUIREMENTS

- Create an automated grading system which grades and gives feedback on student essay responses based on a rulebook provided by the teacher
- Create a section where a teacher can create a rulebook

SYSTEM DESIGN

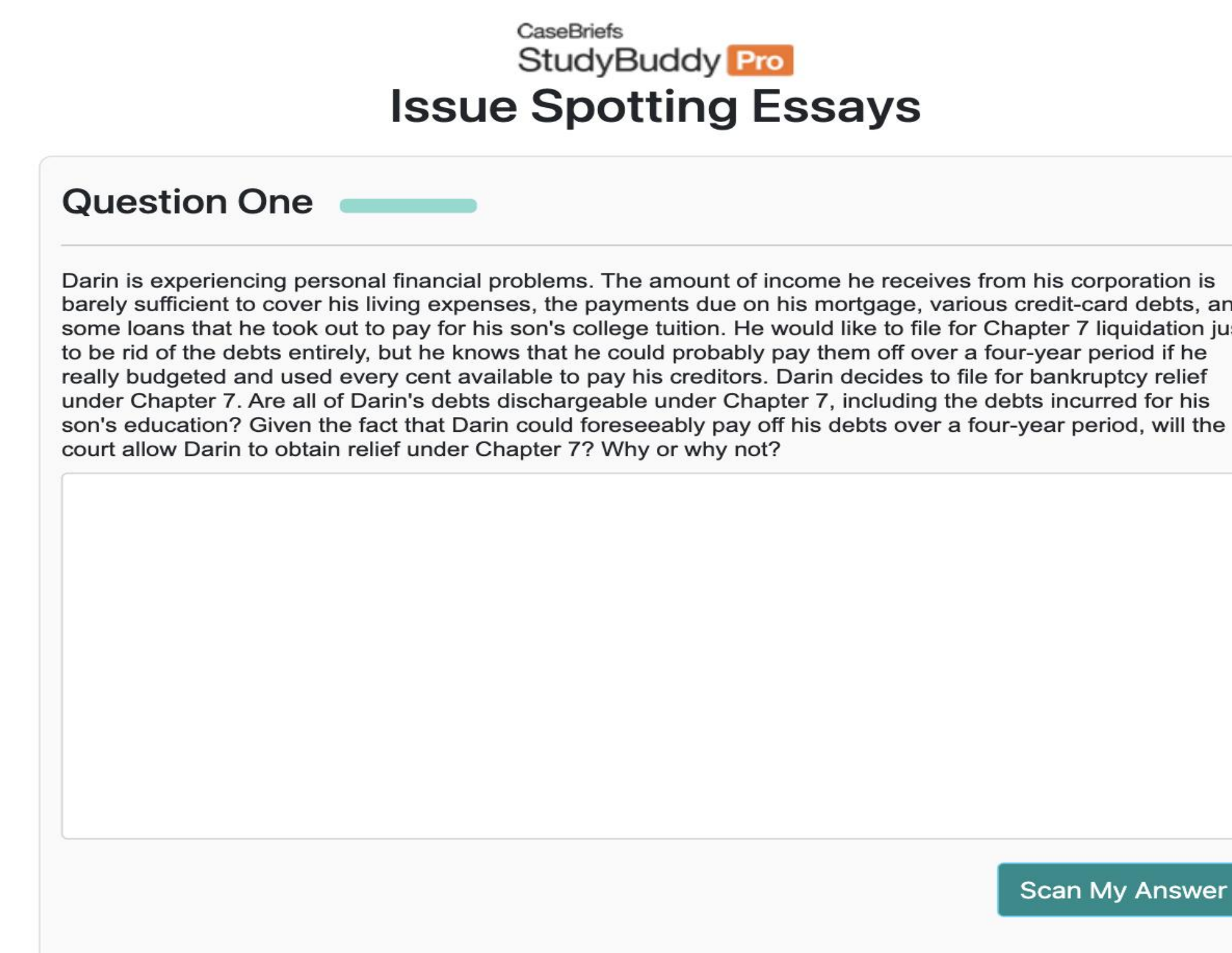


VERIFICATION

System was tested manually to verify accuracy.

- Label parts of student response: pass
- Grammar check: pass

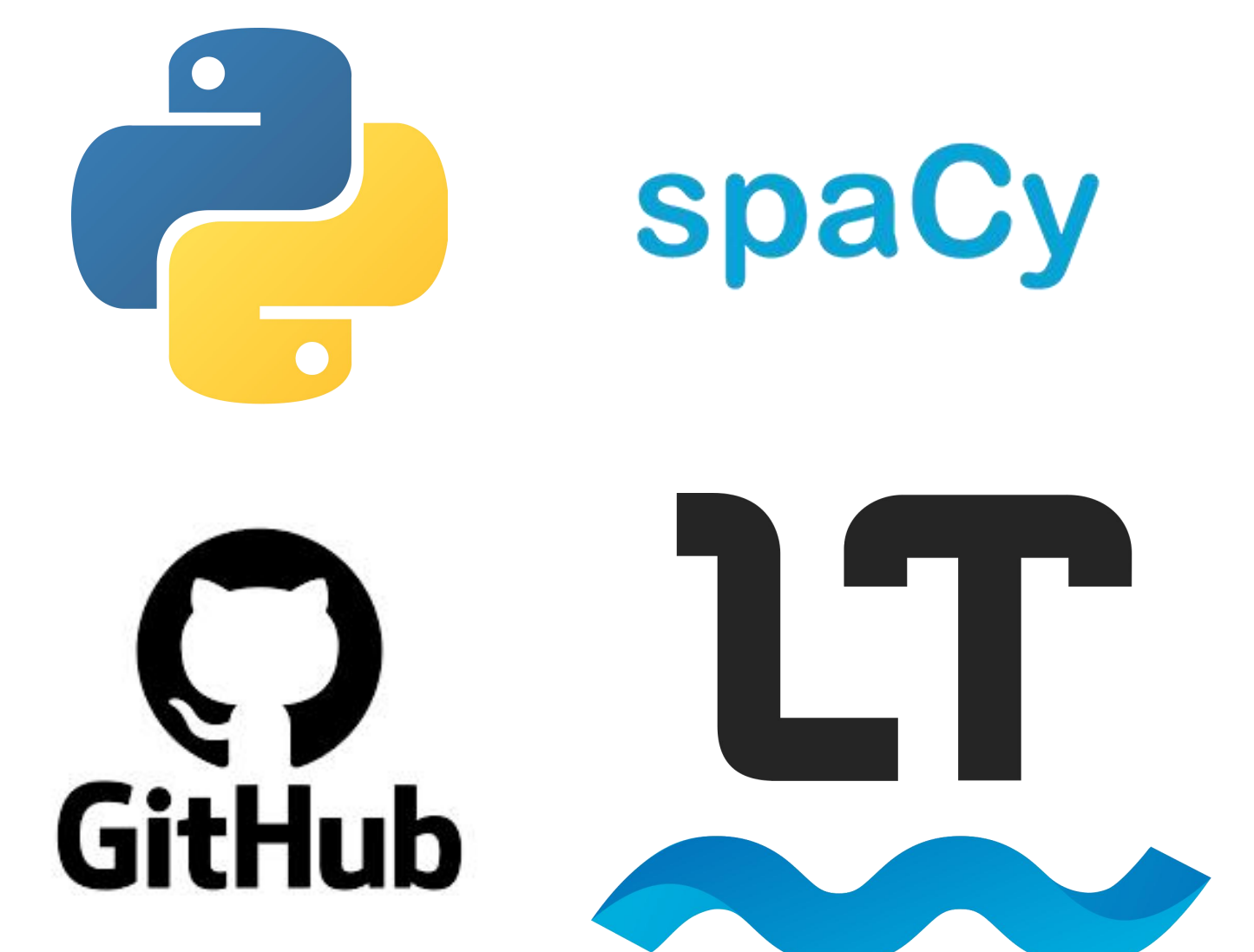
OBJECT DESIGN



SUMMARY

My contribution to the project involved researching and choosing tech stack, implementing a rule-based text-classification algorithm, implementing a grammar checking system, assist in creating rulebook database, coordinating team efforts and updating documents.

IMPLEMENTATION



REFERENCES

- Research materials provided by CEO David Gray of StudyBuddy Pro

ACKNOWLEDGEMENT

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