

Knight Foundation School of Computing & Information Sciences

Automated Grading of Essays

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Students: Malcolm Verdier, Amani , David

Mentor: David Gray, BSBA/JD, StudyBuddy Pro LLC

Instructor/Faculty: Dr. Masoud Sadjadi, PhD, Florida International University

PROBLEM

Need a system to grade and give feedback to law students responding to essay questions on the platform StudyBuddy Pro.

CURRENT SYSTEM

StudyBuddy Pro currently has case briefs, lessons, outlines, refresher courses, issue spotting essays, multiple choice quizzes, exam prep workshops, and charts, and notes.

REQUIREMENTS

- Create a question bank with essay questions for law students to practice
- Write an algorithm to grade student responses and give feedback on sections left out as well as grammatical and spelling errors

SYSTEM DESIGN

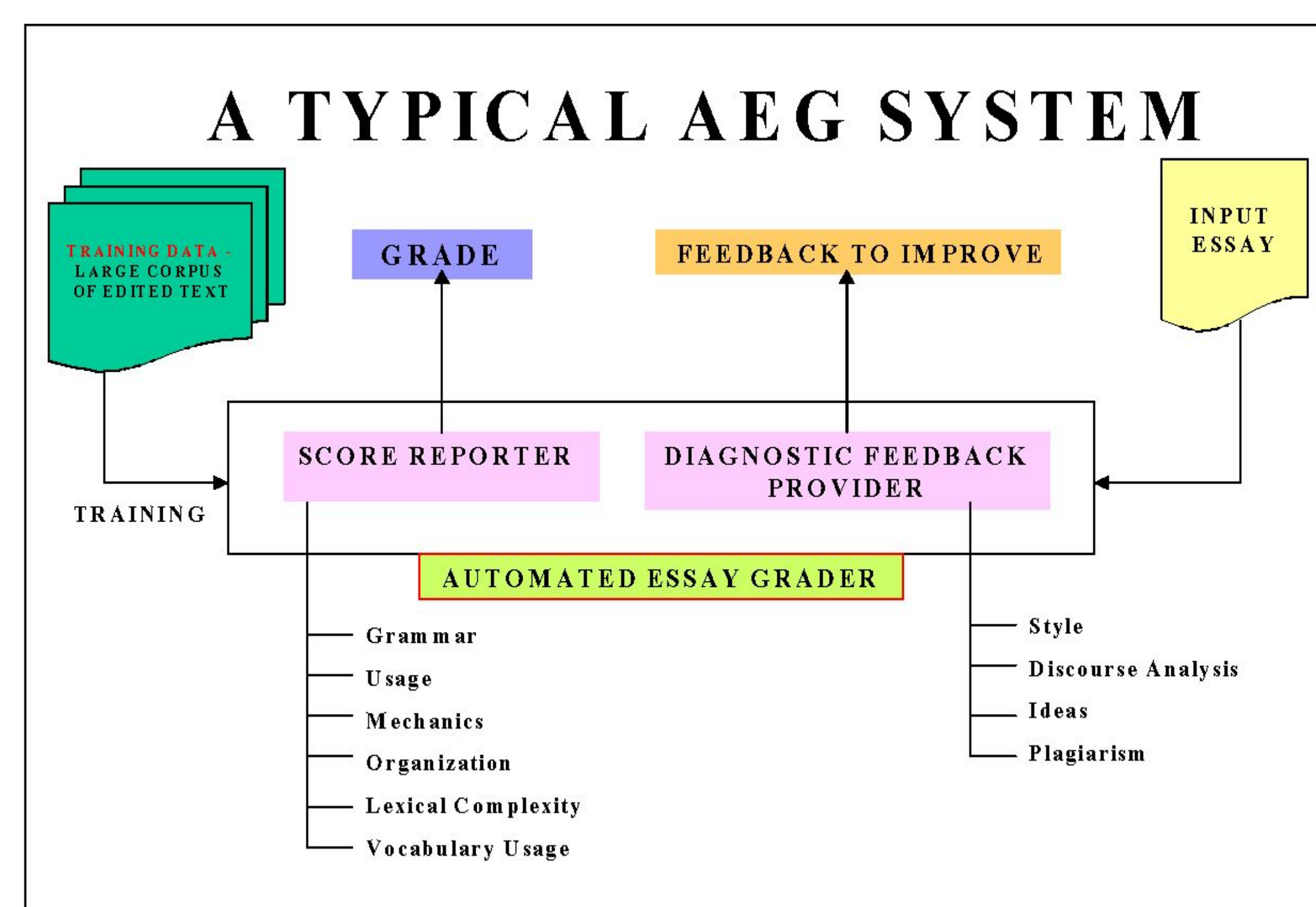
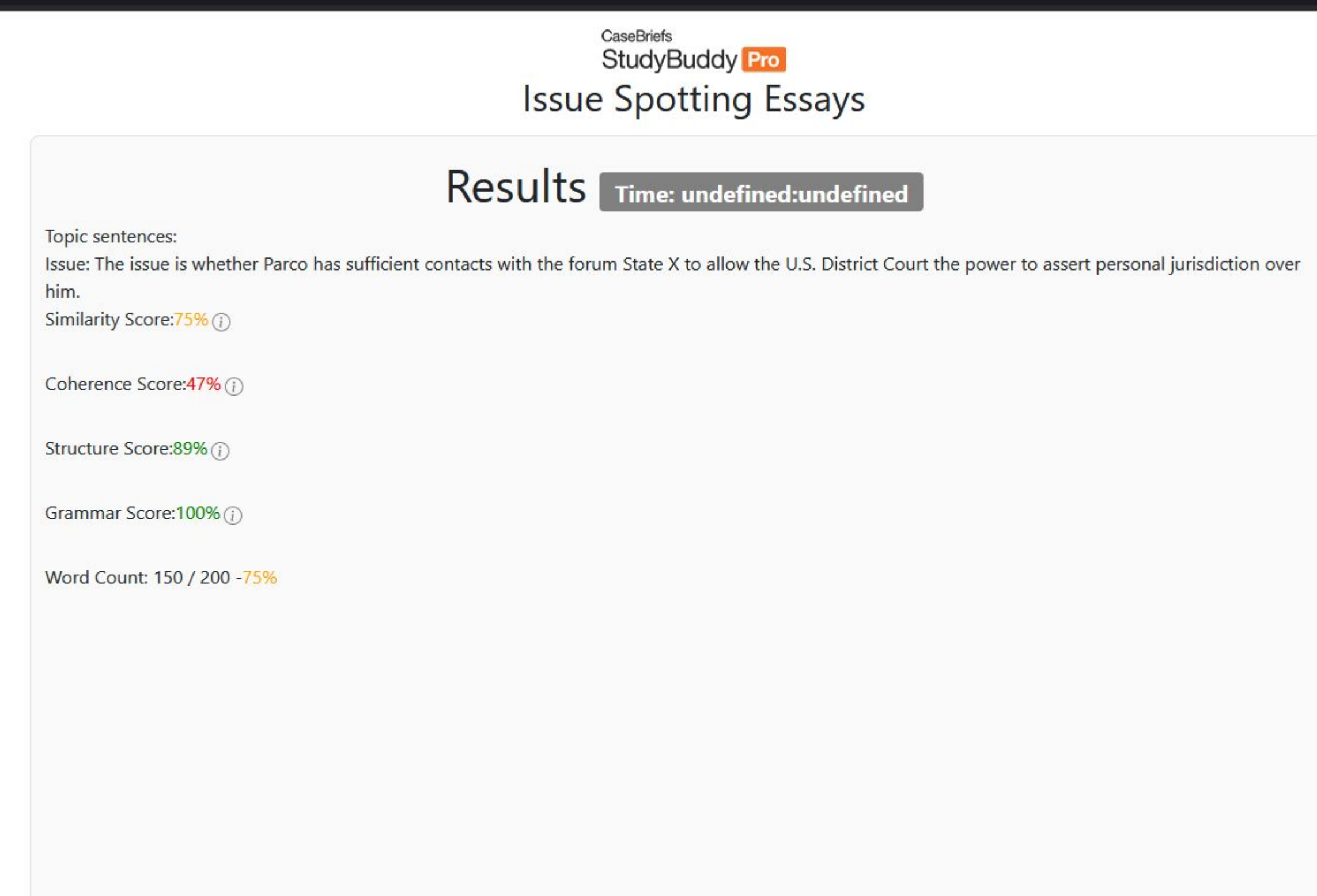
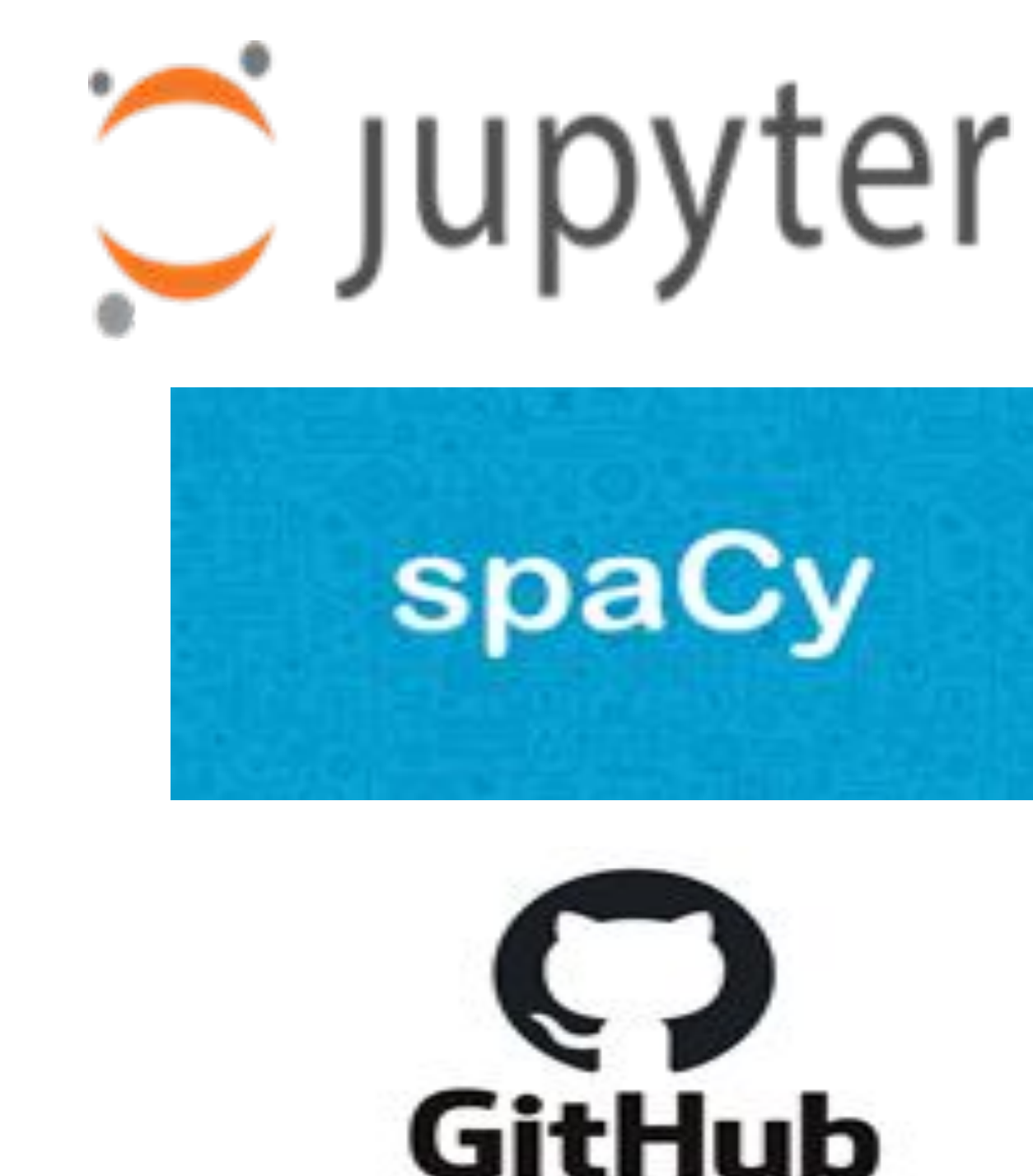


Figure 2. A common framework for the existing Automated Essay Grading Systems

OBJECT DESIGN



IMPLEMENTATION



VERIFICATION

- Use synonyms to identify the topic in a student answer
- Compare student topic and professor topic in order to grade similarity
- Checks grammar and any spelling errors

SUMMARY

StudyBuddy Pro is a platform for helping law students succeed in law school by giving them essay questions to practice. Students get scores based on how well they answer the questions and receive feedback about sections missed as well as spelling and grammatical errors.

REFERENCES

The appropriate materials were provided by the project owner David Gray from StudyBuddy Pro to support this project.

ACKNOWLEDGEMENT

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