Features for the MVP

Brief description: Telegram Bot which can accept PDF-files of student's RQ assignments, returning messages with a feedback of possible mistakes in following of the RQ rules and grading criteria.

Text in italic represents features that the team deemed the least important or most likely not possible to implement within the scope of the team's abilities and given deadline for the project completion.

List of the MVP features:

- Solution is a Telegram bot.
- Bot is always available via the Telegram messenger app
- Can accept PDF-file in the form of embedded file in the message.
- Parse the PDF-file into separate question-answer pairs.
- Use an external API to detect AI-generated content in the whole file
- Check each question-answer pair in the file according to the following criteria for the answers:
  - too short
  - too long
  - irrelevant to the question
  - unclear
  - incoherent
  - missing an example
  - Everything looks like it was generated by chatGPT.
  - Missing references, including page numbers
- Generate a response for each answer, whether the answer matches any of the aforementioned criteria.

  Minimum: send message to the user, containing feedback for each answer in the file

  Maximum: return the PDF-file with comments inside of it, highlighting problematic parts of the answer with a description of what is wrong according to the aforementioned criteria.

Features, needed in the MVP, according to the grading criteria for the RQs, but not stated clearly by the customer in their requirements, i.e. are required to discuss with a customer:

- the question is stated in bold before the answer
- file starts with the student's and assignment names at the top

- *check if the formatting is readable*
- the document has separate last page with all the references that were cited in the answers (bibliography page)
- The whole file, not including bibliography page does not exceed 2 pages
- file is in English
- *all necessary definitions are given*
- all assumptions are clearly stated before they appear