

## Test Formatter

Idea: A site where students can upload pdf of question papers of exams such as JEE and get an online mock for the same question paper. It can also be used by different institutes to conduct online assessments.

Resource: Tool to perform Optical Character Recognition(OCR) with API <https://ocr.space>.

### Features:

1. *Test Generator*: Users can upload a PDF/Image and get an online mock assessment(text only) of the same with an option to upload an image for each question.
2. *Answer Key*: The user can upload the PDF/Image of the answer key along with the question paper and get their attempt corrected automatically.
3. *Timer*: Add a timer so that the user can track the remaining time while attempting the mock.
4. *Tool*: Users can directly make a manual online assessment(text and image) without needing a PDF.
5. *Social Space*: Users can make their test public and different users can attempt and discuss it.
6. *Test Review*: Create an interface to review and finalize the test before making it public.
7. *Analytical Side*: Analysis of the attempt with different fields of information such as time spent on a question and on a subject(Physics, Chemistry, Maths), Time wasted on a question, total score, negatives, comparison with peers, etc

### Brownie Points:

1. *Image Extraction*: Automatic image extraction from the pdf and correct alignment with the associated question.
2. *Personal Space*: Users can add friends and form groups with them.

3. *Wider support:* Support for different formats not limited to just JEE exam.
4. *Ratings:* Allow people to upvote a public test to distinguish between the good and bad tests uploaded.