Project requirements

Title of project: **Stagelight**

Overview:

Stagelight is a platform to introduce people to the habit of writing short stories. Through Stagelight, users can exercise their writing skills and compete to gauge their skills. Stagelight challenges users with a single writing prompt every 24 hours that each user has twenty four hours to submit. Other users can vote on submissions to decide which submission is the best.

The parameters of the writing competitions are mentioned in the prompt and users cannot submit any ideas that don't adhere to those rules. Parameters could be along the lines of limiting the number of characters in a submission, the theme should be dark and full of horror, etc.

- **Core features**

   1. One prompt every 24 hours: The user needs to receive a prompt in a periodic manner and needs to be redirected to the website that contains the rules related to the prompt, the textbox to be used for prompt submission and once submitted the user will be redirected to the page where they can vote on other submissions.
   2. Persistent writing: The platform offers a space for users to write and save their submission drafts before submitting their prompt. This includes a text box where users can write their submissions and utilize markdown capabilities for formatting.
   3. User Text submission window: The platform would host a text box where the user will be able to make submissions using markdown formatting. They'll also be able to persist their submissions between writing sessions.

- **Optional features**

1. User achievements page: Each user profile will get an achievements page where the user can show off earned badges for their achievements that they obtain through participation
2. User voting on prompt's difficulty: Users should be able to vote on the difficulty/interest of a prompt through the page where prompts are displayed. The submitter adds this info about their prompt too but users will have the ability to vote as well.
3. User rankings page: A page where User achievements would appear based on their performance.
   a. Users will also have a streak counter to track how many days they've been submitting prompts entries for.

- **Languages&Tools**

1. ReactJS/Next.JS : For the front-end
2. Django : As the backend for the platform
3. Celery: Asynchronous task execution platform for workflows
4. Tailwind CSS
5. Typescript/Javascript

Timeline - that lists at least 2 milestones and what subset of features will be accomplished by each milestone:

10/17 Milestone #1: By 10/17 the platform should be able to parse and store writing prompts from reddit and the user should be able to submit their writing entries. In terms of the features listed above this would include the following

1. Core feature #1
2. Optional Feature #2

11/14 Milestone #2 : By 11/14 the user should use the platform's text features to save and submit their entries. At this point the achievements functionality should be more or less completed as well. The features are listed below

3. Core feature #2
4. Optional Feature #1