**Real-time Cricket Data Scraping System**

Assume we have a source hosting cricket-related information, such as [CREX](https://crex.live).

On CREX, there is a dedicated page listing the schedule for all upcoming matches (<https://crex.live/fixtures/match-list>). Your task is to create a scraping system that monitors this match list and tracks the match schedules. By clicking on an individual match, you can access more detailed information.

Your system should scrape all available data under the "Match info," "Squads," "Live," and "Scorecard" tabs. The "Live" and "Scorecard" tabs will be updated once the match begins.

Additionally, your system should automatically trigger individual match scraping jobs for real-time "Scorecard" and "Live" data whenever a match starts according to its schedule.

**Assessment Criteria for Your System**

Your solution will be evaluated based on the following factors:

1. Handling of edge cases - the more comprehensive, the better.
2. Organization and semantic relevance of the output data.
3. Organization and clarity of your codebase.
4. Resource usage efficiency - the lower, the better.
5. Time is taken to produce results - the faster, the better.

**Possible Follow-up Questions on Your System**

1. Why did you choose the specific scraping approach you used?
2. How can we further optimize the resource usage of your system?
3. Can the time consumption of your codebase be further reduced?
4. If given more time, what changes would you make to the codebase and why?

**How to Submit Your Assignment**

Once you have completed and tested your assignment, submit it via GitHub. Create a private repository, push your codebase there, and share the GitHub link with hr-partner@lifeasesolutions.com.