**Requirements**

# Functional Requirements

* Creating a profile per user:
  + Input the age;
  + Section of interested activities in the profile the user has to fill-in.
* Bookmarking events
* Showing the list of bookmarked events
* Searching functionality:
  + Choosing the city, initially among a limited list
  + Searching activities based on:
    - user profile information
    - city chosen.
    - Optionally a specific day to look up for
  + Events list in searching result dived for pages of 20 events.
  + Result list of 1 week of events
* Database that stores events
* Retrieve events:
  + Querying other websites through APIs (Events bright and meetup)
  + Storing returned events into the database.
  + Frequency twice a day
  + Retrieving events up to 1 month in advance

## Next phases

* Geo-localization
* Integration with Booking
* Integration with Gmail for sign-in
* Retrieving events from sport-oriented websites

# Not-functional requirements

* Minimal UI
* Persistence information up to 2 days after the event
* Lightweight app
* Using Docker
* UI developed with ReactJS
* Backend developed using Java & Spring Boot
* Database created in MySQL