Track By Daylight

By Brian Kelly

- University of Baltimore - Class of 2021.

- UBalt 2021 NASA SUITS team: AstroBees.

- Baltimore Neighborhood Indicators Alliance.

- Love painting miniatures and traveling.

- Dislike lima beans.

BNIA BALTIMORE NEIGHBORHOOD INDICATORS ALLIANCE   Jacob France Institute

Why Track By Daylight?

- BHVR does not have an official API.

- Track progress and prevent biases.

- SO MUCH UNTRACKED DATA!

- **Technologies Used:** Spring, Springboot, Spring Security, Junit, JDK 17, Git, React, MySQL, Tricky API.
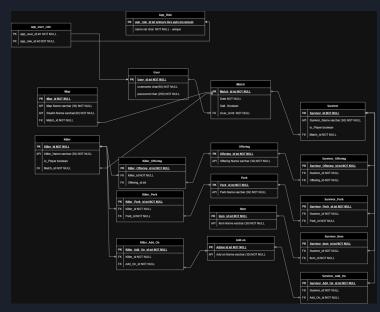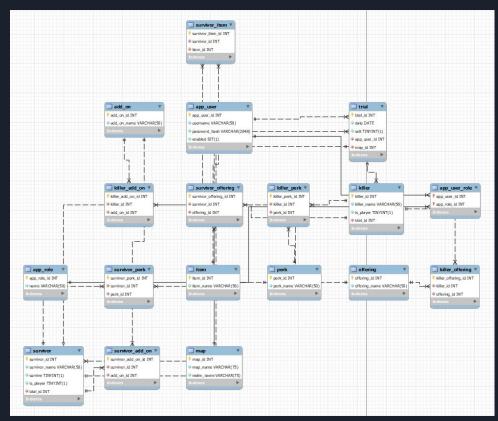
Technologies Used

Built to Last:

- Consistent naming conventions.
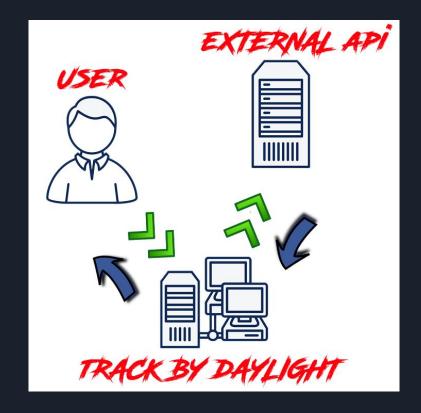
- 3NF for all tables.

Learning Goal

Additional Security

- Our backend handles all sensitive Information, protecting API keys, Tokens, and sensitive information.

Challenges and Lessons

- Rate limits and API Documentation

```
com.fasterxml.jackson.core.JsonParseException: Unrecognized token 'too': was
expecting (JSON String, Number, Array, Object or token 'null', 'true' or
'false')
at [Source: (String)"too many requests, please cache your lookups"; line: 1,
column: 4] ```
```

- Step into the unknown first to gain an understanding and then work backwards.

What's Next?

- Displaying Items, Add-ons, Survivals, Perks in Trials.
- Add, Edit, Delete; Finish Crud operations.
- Sorting of Trials, carousels, by dates.
- Unique queries to display data; Most Used Items, Highest Win Rate as Survivor, Highest Win Rate as Killer, Most played against Survivor, Most played against Killer. Most played Map.,
- Learning to cache responses.
- The possibilities are endless!

Q&A