

Improve security (with idea of transferring app to our own backend)

- Using Https for communication with Api endpoints, to ensure that all data will be in encrypted mode.
- Currently, tokens are stored using the js-cookie library on the frontend. I would definitely recommend saving the token on the backend using http cookie only.
- Depending on the direction in which the application would be developed and what level of security you would decide on, it would definitely be a good idea to consider implementing role based access control and multi-factor authentication.
- Regular Audits and Monitoring - periodic security audits help identify vulnerabilities and mitigate risks.
- Implement regular data backups.
- Integrate Single Sign On in Application (with Google, Facebook).
- Prevent SQL data injection - data validation on backend side, use ORM libraries.
- Hash passwords before saving them to the database (for example with bcrypt).
- Add rate limiting filter - prevent infinite number of requests on Api endpoints.