Used technologies

- **Django -** is a high-level Python web framework that encourages rapid development and clean, pragmatic design.We chose Django because it's fast, scalable, portable and secure. Also, it is free and open source.
- **React -** is a free open-source front-end JavaScript library for building user interfaces based on UI components. React. It is fast, it provides the possibility to reuse some components and has a big variety of libraries to help us easily solve any issue that could occur.
- **Firestore -** This service is used in order to store information, such as user credentials and jokes. The reason we chose this is that we needed a NoSQL database that is fast and reliable, and on top of that, easy to use.
- **Google Cloud Platform**
    - **App Engine -** we used it to deploy our backend application
    - **Cloud Run -** we used it to run our frontend application
    - **Secrets Manager -** Manager provides a central place and single source of truth to manage, acces, and audit secrets across Google Cloud**.** We use it because it is a secure and convenient storage system for API keys, passwords, certificates, and other sensitive data. Secret
    - **Cloud Scheduler -** is a fully managed enterprise-grade cron job scheduler. We use it to schedule various jobs for analysis and maintenance and automatically send emails
    - **Cloud Storage -** it stores objects for companies of all sizes.. We use it because we can store any amount of data, It is reliable and secure.
    - **IAM & Admin -** manage access control by defining who (identity) has what access (role) for which resource.
    - **Cloud Build -** it's used to build and deploy by linking with an existing repository.
    - **Dataprep -** an intelligent cloud data service that visually explores, cleans and prepares data for analysis and machine learning.
    - **Cloud Functions** - We use this service in order to connect to a SMTP server and send emails