

Client: Empik

Industry: Media

Empik Music digital music streaming service

Client need

Developing an application that allows Empik customers and others to listen to music on mobile devices.

Solution

Digital streaming service for millions of music tracks from around the world.

Result

- mobile application in Android and iOS versions,
- database and mobile API,
- streaming module,
- CMS system,
- reporting module,
- customer support center module.

Project team

Project Manager, 2x Product Owner, 11x Technical Leader, Team of Developers, Team of QA Engineers, DevOps.

Advantages of the solution

- full integration with other Empik systems,
- synchronization with shopping history,
- easy creation and import of playlists,
- ability to listen music offline,
- access to a catalog of millions of music tracks,
- no ads,
- information about concerts and meetings with artists,
- song lyrics database with karaoke function,
- playlists and recommendations created by well-known artists, figures from the Polish cultural world and Empik experts,
- convenient subscription model.

Technologies

.NET Core, ASP.NET Core MVC (CMS), ASP.NET Core Web API, Microsoft SQL Server, Kotlin 1.3+, Swift 5.0, Windows Server, IIS, CentOS, VMWare vSphere, ELK (ElasticSearch+Kibana), Grafana, Prometheus, Open JDK, Spring Boot, Redis Cache, RabbitMQ, Envoy, HAProxy, Ansible, Docker, Hibernate / Entity Framework Core, JUnit / xUnit, Firebase Crashlytics, Firebase Performance Monitoring, Firebase Remote Config, Cloudflare.

