**Pollák Csengő**

***“A jövő zenéje!”***



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(work in progress…)

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**The purpose of the software**

The Pollák Csengő represents a groundbreaking solution specifically designed to enhance the educational environment by promoting a more comfortable and engaging atmosphere for students. This innovative application offers a versatile web platform, accessible across both mobile devices and computers, ensuring widespread usability.

The core functionality of the platform allows students to participate in a fun and interactive experience by voting for their preferred songs, ultimately determining the "Ringtone of the Month." This feature introduces a dynamic range of ringtones that rotate throughout the school year, providing students with a refreshing and enjoyable auditory experience on a daily basis.

In addition to fostering an uplifting and cheerful atmosphere within the school, the Pollák Csengő serves as a lighthearted and innovative approach to student engagement, contributing positively to their overall well-being and daily school life. Through its seamless integration and user-friendly interface, this application enhances the sense of community, while also offering a touch of joy and novelty to the academic environment.

**Who and Why?**

The Pollák Csengő application is primarily designed for schools, particularly those looking to enhance their students' school experience by fostering a positive and community-driven atmosphere. The system provides students with the opportunity to actively participate in shaping their school's daily environment by voting for their favorite songs, which adds a fun and interactive element to the school day.

**Who is it for?**

* **Schools:** For schools aiming to promote a lively and engaging environment where students feel more connected and involved in the school community.
* **Students:** To give students a voice in determining the soundtrack of their school year, making their daily routine more enjoyable and fostering a sense of ownership and participation in the school’s culture.
* **Teachers and Staff:** To create a more dynamic and uplifting atmosphere within the school, contributing to a positive and supportive environment for both learning and social interaction.

**Structure**

**Frontend**

* **Login** - Page
* **Register** - Page
* **Dashboard** - Page
* **Admin** - Page
  + **Songs** - Component
  + **Pending Songs** - Component
  + **Sessions** - Component
  + **Websockets** - Component

**Backend**

* **Auth**
  + Login
  + Register
* **User**
  + Get Real Name
* **Songs**
  + Get All
  + Rename
  + Delete
  + Get All In Session
  + Upload
  + Upload Direct
* **Pending Songs**
  + Get All
  + Approve
  + Disapprove
* **Votes**
  + Get Summary In Session
  + Vote Up
  + Vote Down
* **Voting Sessions**
  + Get All
  + Create
  + Update
  + Delete
* **Tv**
  + Get Summary Of Votes In Session

**Technologies**

* **Technology**
  + **npm** - Frontend/Backend
  + **Nginx** - Frontend
  + **Postgres** - Backend
  + **Docker** - Backend
* **Languages**
  + **Typescript** - Frontend/Backend
  + **HTML** - Frontend
  + **Css** - Frontend
  + **Sass** - Frontend
  + **Scss** - Frontend
  + **SQL** - Backend
* **Frameworks**
  + **Jest** - Frontend/Backend
  + **Vue** - Frontend
  + **Pinia** - Frontend
  + **Vuetify** - Frontend
  + **Playwright** - Frontend
  + **Vue Vitest** - Frontend
  + **Vite** - Frontend
  + **NestJS** - Backend
  + **Prisma** - Backend
* **Libraries**
  + **MDI icons** - Frontend