

DEV PROJET AUDIO

Objective:

Develop an internal platform for sending and managing audio files (.mp3 format) and sharing them with team members (individually or with groups). The platform will allow online listening (no downloads).

Key Features:

1. Administrator interface (manager)

- Login: secure access to the admin interface
- Admin interface with 3 tabs:
 - All audios
 - Team (individuals and groups)
 - Received files (this tab only exists in the admin interface)
- Upload files:
 - The manager records an audio file (.mp3) using his phone
 - He sends the audio file to a server (method to be determined, no preference)
 - The new audio files are available in the “Received files” section in the admin interface
 - Once he selects an audio, admin must be able to:
 - Add a title
 - Add a category (with the ability to create new categories)
 - Add a description
 - Assign to collaborators (with the ability to create new groups)
- File management:
 - Files are sorted out by categories
 - In the “All audios” section, admin must be able to:
 - Delete audios
 - Manage assignment (add and remove team members or groups)
- Team management:
 - Two distinct sections: Users / Groups
 - Users are sorted by out name (A-Z)
 - Groups are sorted out by name (A-Z)
 - Admin must be able to
 - Add new user
 - Remove users
 - Create new group
 - Remove groups
 - Assign a user to a group
 - Remove a user from a group

2. User interface (collaborator)

- ☐ Login: secure access to the user interface
- ☐ Restricted view: similar to the admin interface, but without the “Received files” “Team” tabs
- ☐ Audio files are categorized (“all audios” tab)
- ☐ Named groups: separation of the files shared to the user only and to specific groups (“all audios” tab)

3. Common features

- ☐ Online listing: Files can be listened to online but are not downloadable.

4. Technical development

- ☐ **Login page:**
 - Creation of a minimalist login page with input fields for credentials only
- ☐ **Back-end:**
 - Management of audio files sent on a server (method to be determined, no preference)
 - Secured access to interfaces for admin and users
- ☐ **Front-end:**
 - Design of administrator and user interfaces
 - Implementation of file management functionalities