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FURPS Document:

Music Artist Showcase Website

Functionality

- 1. Create/Add music artists to the website.**
 - a. Users can create New Music Artists and add it to the list on the website.
 - b. Additional fields of info include name, birthday, active since, genre and a short description.
 - c.
- 2. Read all music artist from the database.**
 - a. User can view all the music artists stored in the database.
 - b. User can search and sort by music artist name.
 - c.
- 3. Update a specific music artist (possibly with new info)**
 - a. User can edit info about the music artist.
 - b. User edits must change in real-time.
- 4. Delete music artist.**
 - a. User can remove/delete certain music artist from the database.
 - b. Users delete process should include a confirmation to prevent accidental data loss.

Usability

- 1. User interface**
 - a. The user interface must be clean and user friendly.
 - b. UI must be able to fit various screen sizes.
- 2. Help & Guides**
 - a. Input fields should have placeholders to inform user what to write in that specific input field.

Reliability

- 1. Data backup**
 - a. Implement regular automatic database backups.
- 2. Error handling**
 - a. Display user-friendly error messages.

Performance

- 1. Response Time**
 - a. The application should load in under 2 seconds.
 - b. Database queries should execute within 1 second.

Supportability

- 1. Maintenance**
 - a. Provide software updates for bug fixes and feature enhancements.
 - b. Maintain backward compatibility for at least one year.