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CSE 3421

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Final Project README

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# CSE 3421 Final Project

## Database Recovery

If the `sql.db` file gets corrupted, the SQL in the following file can be executed to create a new instance of the database:

```
sql/dumb.sql
```

This is a SQL file, not a database file, and can be opened from any text editor.

## User Guide

The user guide is in a separate file from this README, and can be found in:

```
UserGuide.pdf
```

## Additional Information

The following diagrams can be found in the `diagrams` directory:

- EERD
- Relational Schema

Additional, here are all of the functional dependencies present in the relational schema:

### ALBUM

```
{ album_id } -> { album_title, release_date, genre }
```

### ARTIST\_ALBUMS

```
{ album_id, artist_id } -> { album_id, artist_id }
```

## ARTIST

{ artist\_id } -> { name }

## TRACK

{ album\_id, title } -> { number, length, artist\_id }

## MEDIA

{ media\_id } -> { type, album\_id }

## CHECKOUT

{ checkout\_id } -> { checkout\_date, media\_id, return\_date, card\_number }

## PERSON

{ card\_number } -> { activation\_date, first\_name, last\_name }

## EMPLOYEE

{ card\_number } -> { position, salary, start\_date }

## FEEDBACK

{ feedback\_id } -> { description, date, category, card\_number }

## REVIEW

{ review\_id } -> { stars, title, card\_number, album\_id, description }