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CSE 3421

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Final Project README

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
```

Transactions, Indexes, Views, and Other SQL

All SQL scripts can be found in the `sql` directory, including annotations.

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 }