

CPSC 2030: Web Development II
Spring 2020
Project Proposal

Instructions:

- Please submit one proposal for each group.

Project Name: Database for Songs

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The project proposal is a description of what you intend to accomplish over the rest of the term for this project. It should describe your website or web application. Use this project to build something that excites you!

- You can use bullet points to describe the main features of your website or web application.
- Understand that this is a proposal, and it is normal for you to make changes to the project features as you work on it. You will get a chance to mention any changes that you make in the final project documentation.

Project Description:

Database for songs.

Take songs as entity, as well as the writer, singer of the song and the album that song belongs to.

Properties of song include:

- Its name
- Date of publish
- ID as primary key
- Tag of that song
- Necessary foreign key

Properties of singer include:

- Its name
- ID as primary key
- Necessary foreign key

Properties of writer include:

- Its name
- ID as primary key
- Necessary foreign key

Properties of album include:

- Its name
- Date of publish
- ID as primary key
- Necessary foreign key

There will be two type of login user for the database

Regular user:

- Have ability to add tags to songs

- Search song with certain tag

- View song in selected album

Manager:

- Have same privilege of regular user

- Also change property of entities

- Delete entities

- Add entities