# DBMS-2006 Final Project Milestone One Project Proposal

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Project Name: Fender Bass Guitar Collectors Forum

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1. **Project description:**

For this final project, I have decided to create a database for *Fender Bass Guitar Collectors Forum.* This forum is for a fictional website that allows users to store their Fender bass guitars by their unique serial number and create posts about them. This database will store data about the users in this forum, their posts and comments, and the Fender bass guitars they choose to register.

I chose this project because I am a musician and bass player, and I enjoy collecting and discussing vintage instruments. Having a solution in which users can keep track of their unique vintage basses and discuss them with others is exciting to me. I may even consider using this database for a future portfolio project.

1. **Business Case**

The *Fender Bass Guitar Collectors Forum* will serve as a one stop shop for users to discuss vintage Fender bass guitars. Every bass posted on the forum will be verified by its valid Fender serial number.

The target audience for this project is vintage bass collectors, and bass players at large. All users can participate in interesting discussions, showcase their instruments, and learn more about Fender and their history of creating unique bass guitars.

1. **Business Rules/Assumptions**

A user can have zero to many basses.

Basses can be owned by exactly one user.

Basses can have zero to many posts about them.

Posts can be about exactly one bass.

A user can have zero to many posts.

A user can have zero to many comments.

Posts can be made by exactly one user at a time.

Comments can be made by exactly one user at a time.

Comments can be tied to exactly one post.

Posts can have zero to many comments.

1. **Entity Relationship Diagram**

A screenshot of a computer screen

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