

Project DB Model & DB Design Report



SAN JOSÉ STATE UNIVERSITY

powering SILICON VALLEY

- Upload an electronic copy in pdf format to Canvas by the Class time at **12:59pm, Thursday, July 2nd, 2020.**
- Based on your project functional requirements:
 - Identify the entities, attributes, dependences, relationships, constraints, etc.
 - Show ISA, multi-way relationship weak entity sets, etc. that apply to your Database design.
 - Brief explanation for each entity set and relationship, write a short description in plain English of what it represents or models. One or two sentences per entity set and relationship is enough. These descriptions are primarily to help understand what you are modeling.

- The ERD should be sufficiently complete to serve as the basis for further development.
- Convert your ERD into schemas.
- Create and show at least 10 tables according to schemas and model the data stored in the database (Each table must contains at least 15 tuple instances.)
- Take screenshots of each table from MySQL Workbench and its content (data stored) in MySQL.

■ Report Format:

- Cover Page: Project Title/Topic, Team Information
- Functional Requirements (based on database manipulating activities) copied from your Project Proposal & Requirements report
 - A list of detailed descriptions of users and how users interact with your application
 - Describe each individual function/feature, functional process and I/O.
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- Convert your ERD into schemas.
- Create and show at least 10 tables according to schemas and model the data stored in the database (Each table must contains at least 15 tuple instances.)
- Screenshots of each table from MySQL Workbench and its content (data stored) in MySQL.

- Teams will be randomly picked to present their database design to the class for Peer Review purpose.
 - Each student will receive 2 bonus points each time for finding other team's mistakes/drawbacks in data model design.
- The presentation of Design document should have average 6~8 minutes in length.