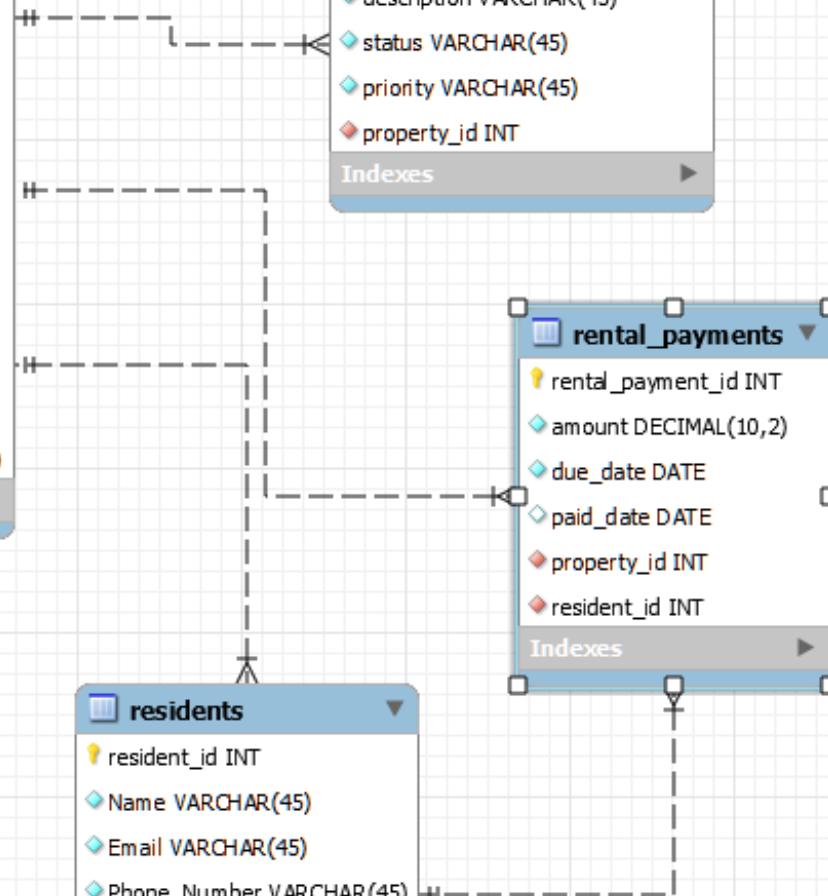
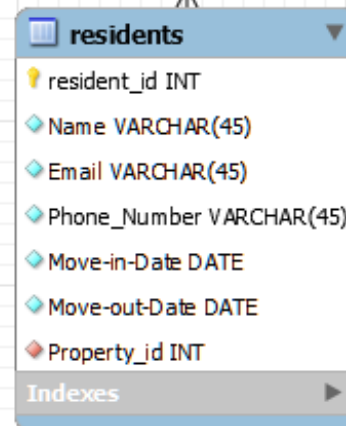
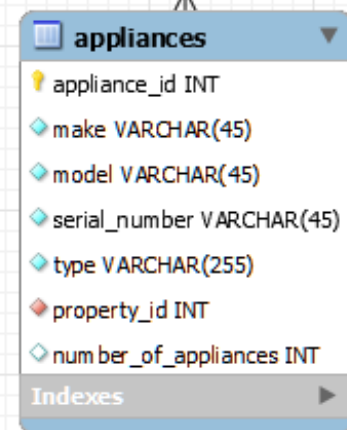
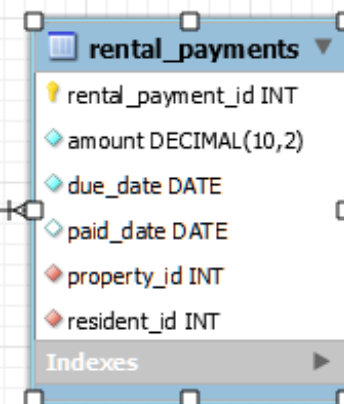
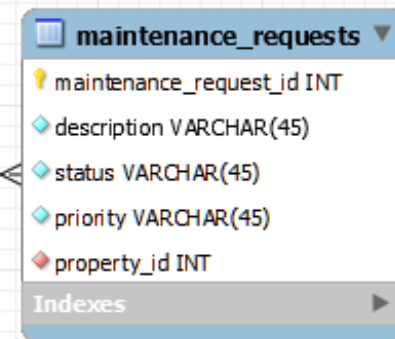
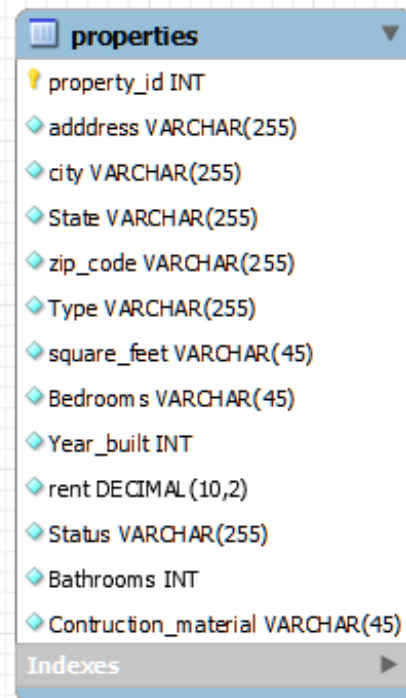


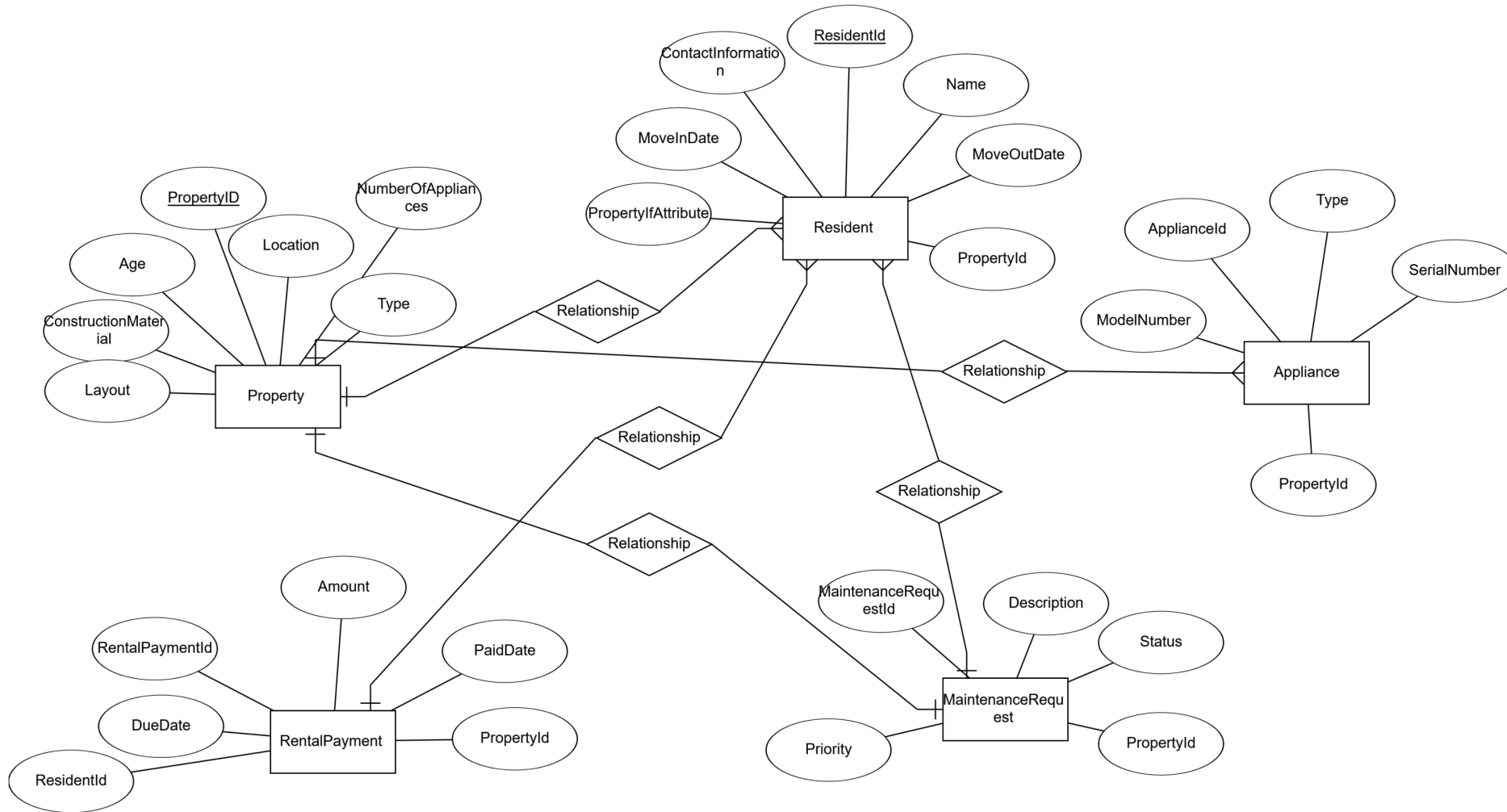
Data Model for Property Management of Single- Family Homes



[This Photo](#) by Unknown Author is licensed under [CC BY-SA](#)



ERD model



Summary:



We have chosen a robust SQL database system, such as My SQL to ensure comprehensive data management capabilities, including data querying, storage, and indexing.



SQL Workbench Tools: The utilization of SQL workbench tools facilitates database design, query development, and overall database administration, enhancing efficiency and productivity.



Scalability: The model takes into account the number of users, both administrative and end-users, and is designed to handle concurrent interactions seamlessly. Scalability options are considered to accommodate growth.



Data Privacy: To comply with data protection regulations, including GDPR, we ensure the privacy of residents and property owners. Techniques such as data anonymization or pseudonymization are employed when necessary.



Data Integrity: Our data model enforces data integrity by defining constraints and validation rules within the database schema.