

Prisoner Visitor Log Management

Gabriel Van Metre

Features

- Add a new Visitor to the System
- Create an Appointment
- Check-in & Check-out times for Visitors

Add a Visitor

visitor_ID	<input type="text" value="5"/>
firstName	<input type="text" value="Gabriel"/>
lastName	<input type="text" value="Van Metre"/>
phone	<input type="text" value="(270) 243-1486"/>
email	<input type="text" value="gabevmetre@gmail.com"/>
address	<input type="text" value="123 Main St, Paducah"/>
state	<input type="text" value="KY"/>
zip	<input type="text" value="42001-0000"/>
SSN	<input type="text" value="123-45-6789"/>

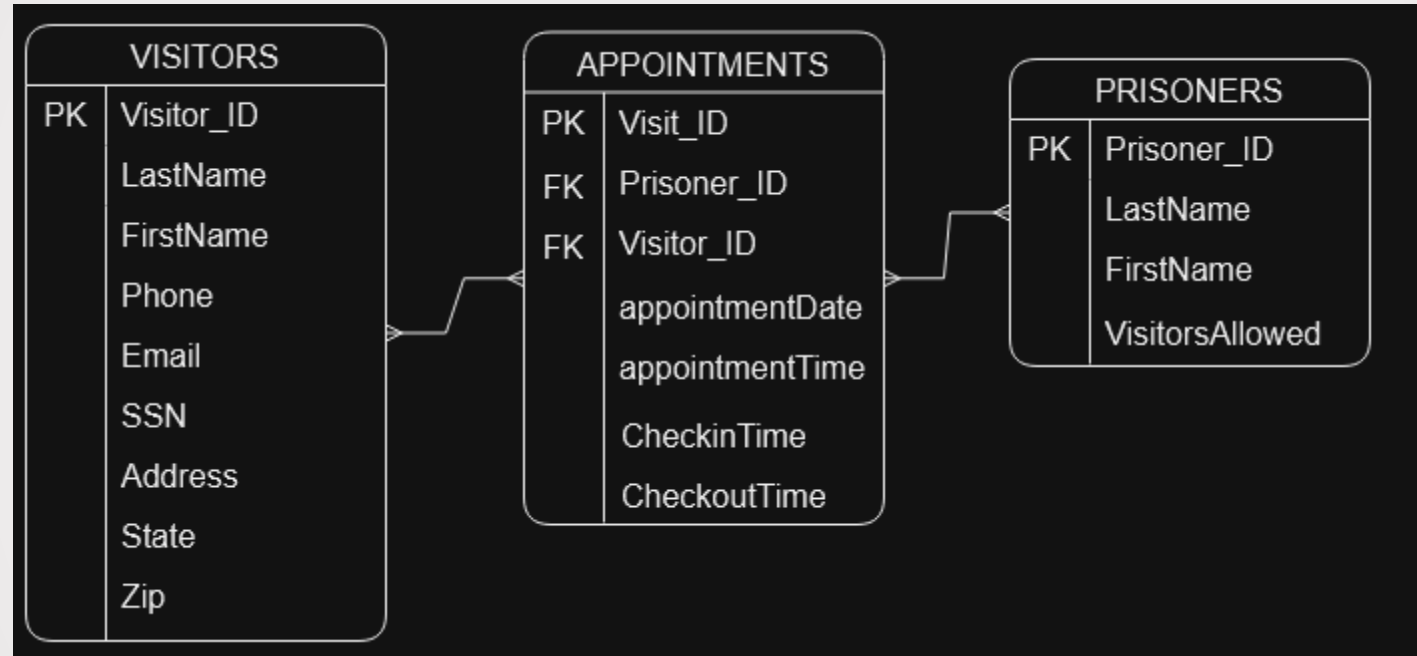
Add Visitor

Add an Appointment

appointment_ID	<input type="text" value="14"/>	
Prisoner Name	<input type="text" value="Tomlionson, Tom"/>	Prisoner_ID <input type="text" value="1"/>
Visitor Name	<input type="text" value="Sullivan, Ed"/>	Visitor_ID <input type="text" value="3"/>
appointmentDate	<input type="text" value="5/14/2024"/>	
appointmentTime	<input type="text" value="03:30 PM"/>	

Add Appointment

ERD



What I Learned

- **Database Design:** Learned the importance of proper database design, including normalization techniques to minimize redundancy and ensure data integrity.
- **User Interface Design:** Learned principles of user interface design to create an intuitive and user-friendly front-end interface using GUI controls and validation rules.
- **Data Validation:** Learned data validation techniques to ensure data accuracy and consistency, including the use of combo boxes and validation rules.