



Assumptions

- Activities, ParkingLots, Events, and Amenities are located in exactly one least one park
- Parks can contain many Activities, ParkingLots, Events, Amenities, or none at all.

Relational Schema

Parks(parkCode:VARCHAR(100) [PK], stateAbbr:VARCHAR(100), description:VARCHAR(511), directionsURL:VARCHAR(255), name:VARCHAR(100), image:VARCHAR(255));

ParkingLots(lotID:INT [PK], parkCode: VARCHAR(100) [FK to Parks.parkCode], name:VARCHAR(100), description:VARCHAR(511), latitude:Decimal, longitude:Decimal, hasFee:Boolean, numSpaces:INT);

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Amenities(parkCode:INT [FK to Parks.parkCode], amenID:INT [PK],  
name:VARCHAR(100));
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Events(eventID:INT [PK], title:VARCHAR(255),  
description:VARCHAR(511), parkFullName:VARCHAR(255) [FK to  
Parks.name], dateStart:VARCHAR(100), dateEnd:VARCHAR(255),  
image:VARCHAR(255), category:VARCHAR(255), hasFee:Boolean);
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Activities(activID:INT [PK], parkCode:VARCHAR(100) [FK to  
Parks.parkCode], description:VARCHAR(511), image:VARCHAR(255),  
season:VARCHAR(225), hasFee:Boolean, petsAllowed:Boolean);
```