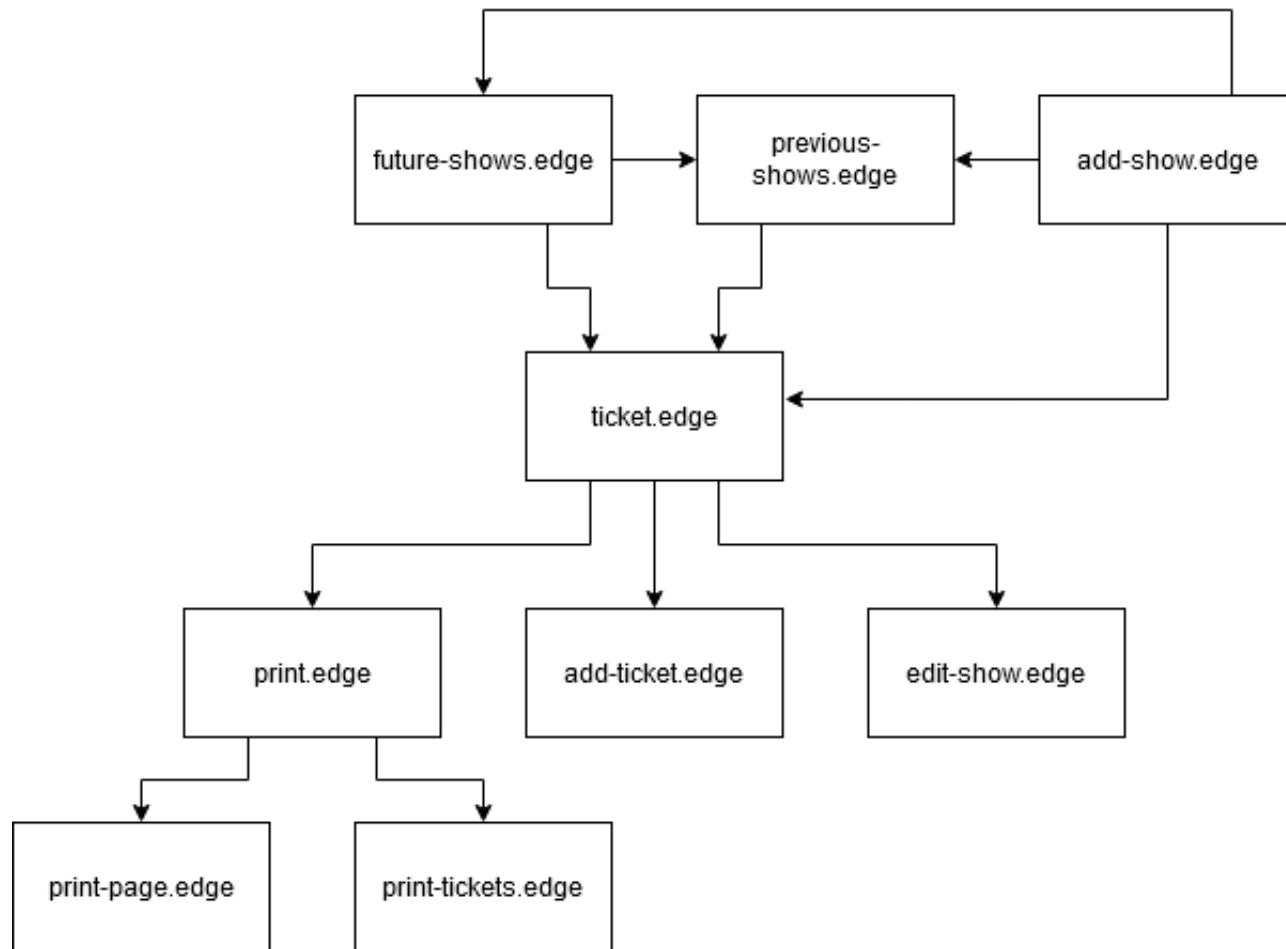




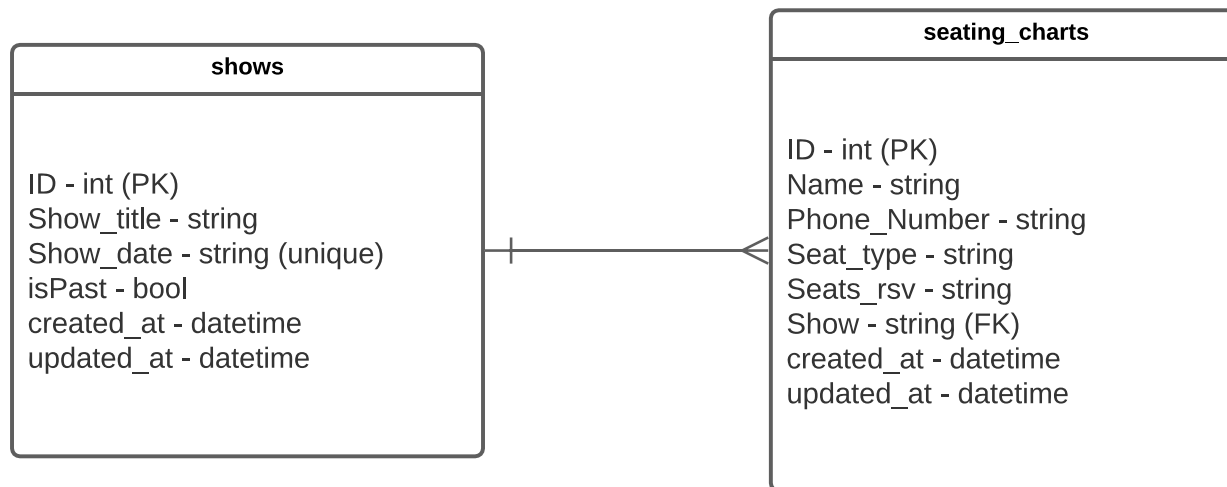
VIRGINIA CITY PLAYERS

MASON DINARDI, NATHAN RUBINO, PEYTON ELLIS



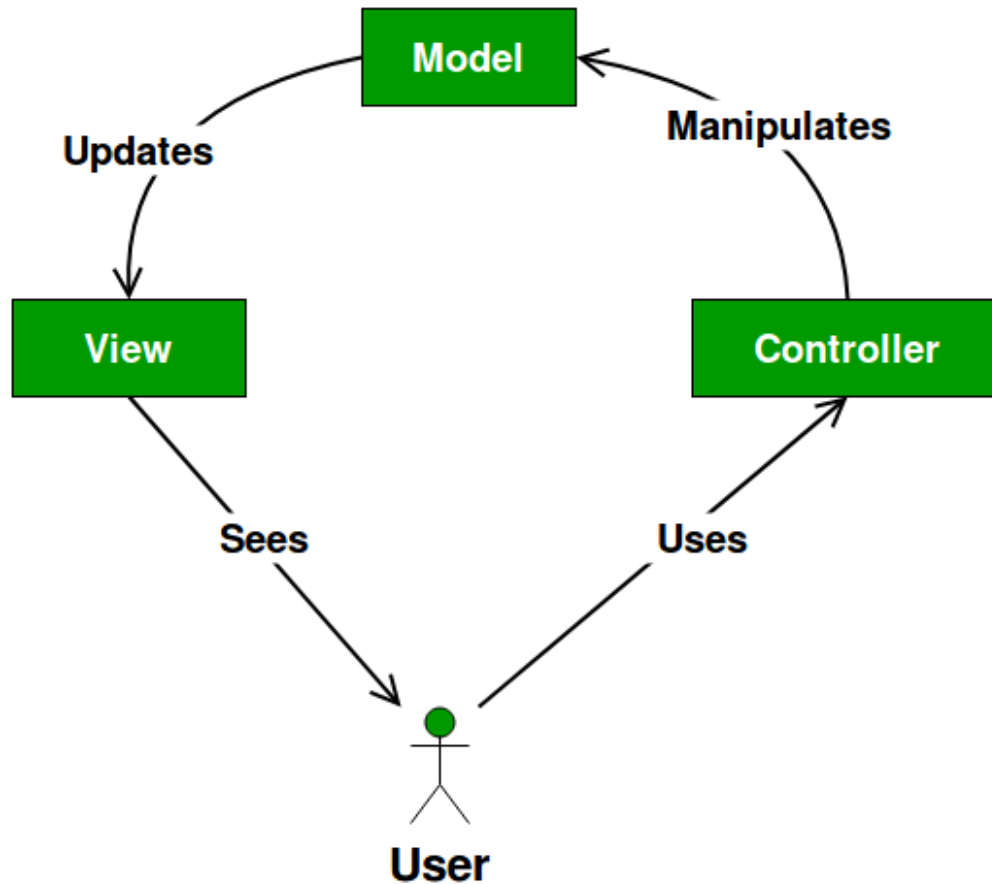
SYSTEM ARCHITECTURE

FRONT-END PAGE NAVIGATION



SYSTEM ARCHITECTURE

DATABASE MODEL



SYSTEM DESIGN

Model View Controller

Model – Dynamic data structures

View – Presents data to user

Controller – Executes action and sends data to model

SYSTEM DESIGN

- ShowController.js – Bulk of all application operations, CRUD, view rendering
- SeatingChartController.js – Edit, update, and delete for seating_charts table
- Models – Inherits from base AdonisJS model class, no additional implementation needed
- Views – All views are rendered through the controllers using Adobe Edge Files
- Routes.js – Takes care of all get and post requests by calling controller methods

MAINTAINABILITY/EXTENSIBILITY

- MVC design architecture allows for dynamic developing and code maintenance
- New methods can be easily implemented in the controller classes
- Using GitHub allows for continuous integration

QUALITY ASSURANCE METHODS

- Selenium automated testing – Black Box
- User testing – Black Box
- Unit testing – White box

The image features a dark blue gradient background. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing nodes and connections. The word "DEMO" is centered in a large, white, sans-serif font.

DEMO