

DESIGN MODEL AND LAYOUT ADR

CONTEXT:

Maintainability and Extensibility can be achieved by following a design pattern.

PROBLEM:

Ensuring Separation of Concerns to allow for Maintainability and Extensibility.

SOLUTION:

The Application utilises a Model-View-Controller (MVC) architecture pattern

- Model is the methods used to retrieve and update the database.
- Controller utilises model methods to dynamically update views.
- View refers to the pages served to the app user
- Routes utilises the controllers to fetch information for the client.