Web Application Architectures

Module 5: Middleware
Lecture 8: MVC Implementation in Rails

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In Rails, the following classes support the MVC design pattern:

- Model – The ActiveRecord class, described previously, implements object-relational mappings (ORM).

- View – Views and controllers are actually bundled together in Rails in Action Pack. Dynamic content is generated by templates containing embedded Ruby (ERb) code supported by the `ActionView` class.

- Controller – The ActionController class is the core of a web request in Rails. It consists of one or more actions that are executed on request and then either render a template or redirect to another action. An action is defined as a public method on the controller, which will automatically be made accessible to the web-server through Rails Routes.

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3. The controller asks the model layer for all of the information needed to complete the request.

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MVC Interactions in Rails