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package app.controllers
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Application.java

This class provides a central controller for the web application. It extends from Play Framework's Controller class. This is essentially the backbone of a web application. Much of this application will use the http 200 which would send a http ok response to the routes file. This would then render the page.

Methods:

public Result index()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the Index.scala.html is rendered using the http 200 command.

public Result addListing()

This method creates a listing instance from the information received from a html form. It sets the timestamp, which we cannot trust in the client to implement to input and saves that to the object as well. It then saves the information to the database though Play Framework Model api. It then sends a redirect to the index page of the method.

public Result getListings()

This method gets all the information within the database, constructed objects with them and then puts them in a list. The objects are then converted into Json so javascript can parse them.

public Result math()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the math.scala.html is rendered using the http 200 command.

public Result english()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the english.scala.html is rendered using the http 200 command.

public Result cs()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the cs.scala.html is rendered using the http 200 command.

public Result artHist()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the artHist.scala.html is rendered using the http 200 command.

public Result chemistry()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the chemistry.scala.html is rendered using the http 200 command.

public Result physics()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the physics.scala.html is rendered using the http 200 command.

public Result history()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the history.scala.html is rendered using the http 200 command.

public Result music()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the music.scala.html is rendered using the http 200 command.

public Result socialsci()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the socialsci.scala.html is rendered using the http 200 command.

public Result makePost()

This returns a http 200 message to the routes file. Play Framework's api defines the http request and response as a Result, and is constructed using the ok() constructor. In this case the post.scala.html is rendered using the http 200 command.