CSNetwork Services
CALIFORNIA STATE UNIVERSITY LOS ANGELES

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CS320 - 1   Homework 3 - Airport and Zipcode Locator   Description

In this assignment you are to create an MVC Application that will allow a User to perform the following:

- 50pts - Search for airports within a user-specified distance of a single zipcode.
- 50pts - Specify a city name and display all zipcodes within the specified city.
- 50pts - Extra Credit - Specify a city name and display all airport codes that are within a user-specified distance of the city.
  - Note - To calculate nearby airports, you should first find all zipcodes within the city. Then, for each zipcode, find airports that are within the specified radius. If an airport is within the specified radius of any zipcode in the city, it should be reported in the results.
- 25pts - Extra Credit - Allow a User to search for cities phonetically.
- 25pts - Extra Credit - For each airport that is displayed in a search result, also display a static map with a thumbnail at the location of the airport
- 25pts - Extra Credit - For each zipcode that is displayed in a search result, display a static map with a thumbnail at the location of the zipcode

All source code must be uploaded to CSNS prior to the deadline. No exceptions.

An assignments.html file must be uploaded to CSNS to receive credit. No exceptions.

You must have a working CS3 Demo to receive credit. No exceptions.

You may not use any scriptlets in your JSP pages. You must only use JSTL/EL to display all results. All business logic must be completed in a Controller (Servlet), and use of Beans and Collections to display data in your View is required.