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**CST213 Short Assignment 3: Java Servlets**

**10/16/2016**

[**https://github.com/aaronfonseca/CST213\_Week\_03\_ShortAssignment.git**](https://github.com/aaronfonseca/CST213_Week_03_ShortAssignment.git)

**Approach to Design.**

My approached to design for this project was pretty straightforward. I used a Java server face and from there I took the inputs for the card from HTML and validated. First they check to see if each input reach the requirements, I do this by using a regular expression to check if there is any character that should not be there. Then once I have determined that everything is valid I then connects to a file and see if the input matches any of the card information in that file. If it does and the card is valid it's not in the card is invalid and not in our database.

**Class and Variables.**

doValid();

checkAllFields();

private String firstName;

private String firstNameFail;

private String lastName;

private String lastNameFail;

private String address;

private String addressFail;

private String city;

private String cityFail;

private String state;

private String stateFail;

private String zip;

private String zipFail;

private String cardNumber;

private String cardNumberFail;

private String expMonth;

private String expYear;

private String expDateFail;

private String securityCode;

private String securityCodeFail;

private String cardFail;

private String cardPass;