Create Custom Constraints

Create a new Custom Constraint called Training Validator

```
package com.vertusa.telco.core.constraintvalidators;
import javax.validation.Constraint;
import javax.validation.Payload;
import java.lang.annotation.*;
* Created by abhay on 04/11/15.
@Retention(RetentionPolicy.RUNTIME)
@Constraint(validatedBy = SampleTrainingValidator.class)
@Target(ElementType.FIELD)
@Documented
public @interface TrainingValidator {
//this message path should be the fully qualified class name.message
  String message() default
"{com.vertusa.telco.core.constraintvalidators.TrainingValidator.message}";
  Class<?>[] groups() default{};
  Class<? extends Payload>[] payload() default{};
}
Write the constraint Validator in SampleTrainingValidator
import org.apache.commons.lang.StringUtils;
import javax.validation.ConstraintValidator;
import javax.validation.ConstraintValidatorContext;
* Created by abhayphougat on 04/11/15.
public class SampleTrainingValidator implements ConstraintValidator<TrainingValidator, String> {
  @Override
  public void initialize(TrainingValidator trainingValidator) {
     //TODO provide the initialization code.
  }
  @Override
  public boolean is Valid (String attribute Value, Constraint Validator Context
constraintValidatorContext) {
```

```
return StringUtils.isNotEmpty(attributeValue) && attributeValue.matches("^(?!000l666)[0-8]
[0-9]{3}-(?!00)[0-9]{4}-(?!0000)[0-9]{4}$");
  }
}
Write your Own Constraint type in the TelcotrainingCore-items.xml
<typegroup name="TrainingConstraints">
               <itemtype code="AddharConstraint" extends="AttributeConstraint"</pre>
ialoclass="com.vertusa.telco.core.constraints.AddharCardNumberConstraint">
               <description>custom constraint to check for addhar card number format
description>
                      <deployment table="AddharConstraint" typecode="10001"/>
                      <attributes>
                             <attribute qualifier="annotation" type="java.lang.Class"
redeclare="true">
                                     <modifiers write="false" initial="true" optional="false"/>
                                     <defaultvalue>
com.vertusa.telco.core.constraintvalidators.TrainingValidator.class
                                     </defaultvalue>
                             </attribute>
                      </attributes>
               </itemtype>
               </typegroup>
```

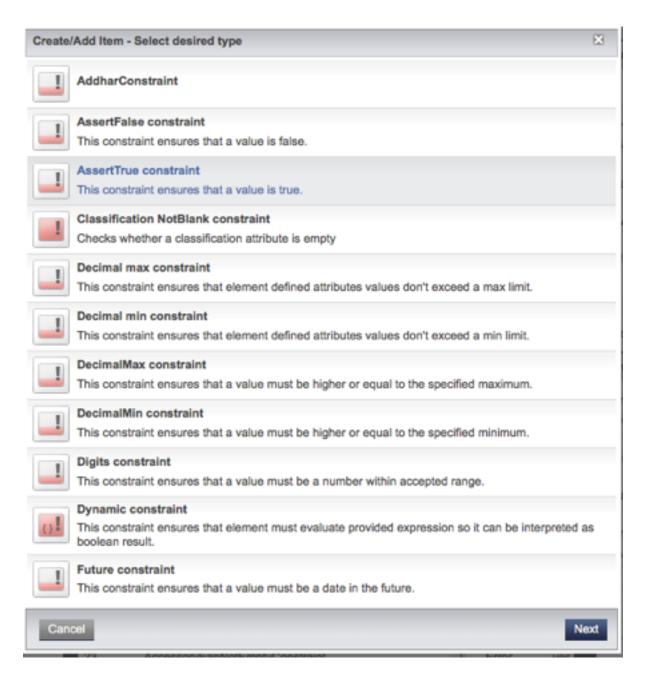
Add localised message file

Telcotrainingcore/resources/Telcotrainingcore/ValidationMessages.properties

add the message

#Key should be the same that you defined in the TrainingValidator.java for message com.vertusa.telco.core.constraintvalidators.TrainingValidator.message=The addhar card number is invalid for the given filed '{type}.{field}'. Please use a format like 8993-8888-8888

Ant all and Update the system



Now go to admincockpit you should see the new constraint like below when you create a new constraint item.