

The [jQuery validation](#) library used in class includes a set of standard validation methods that can be applied as rules for an *HTML* `<input>` field.

Rule Name	Takes	Description
required	boolean	makes the element required
minlength	Number	makes the element require a given minimum length
maxlength	Number	makes the element require a given maximum length
rangelength	[Number, Number]	makes the element require a given length range <u>Invalid if:</u> <ul style="list-style-type: none">• text input is too short or too long• set of checkboxes has too little or too many boxes checked• select doesn't have enough or too many options selected
min	Number	makes the element require a given minimum value (e.g. 13 or larger)
max	Number	makes the element require a given maximum value (e.g. 23 or smaller)
range	[Number, Number]	makes the element require a given value range (e.g. between 13 and 23)
email	boolean	returns true if the value is a valid email address
url	boolean	makes the element require a valid url
dateISO	boolean	returns true if value is a valid date according to ISO date standard (yyyy-mm-dd)
number	boolean	returns true if value contains valid decimal number
digits	boolean	makes element require digits only
equalTo	Selector	requires the element to be same as another one

The implementation for existing methods can be redefined. See [this link](#) for redefining existing validator methods.

This [GitHub repository](#) can also be included or copied into your application. It includes many additional validators that could be used in your forms. Usage documentation is provided within each of the source files. Some examples are below:

Rule Name	Description
<i>alphanumeric</i>	accepts only letters, numbers, and underscores acceptable
<i>creditcardtypes</i>	uses a common validator to validate various credit card types (e.g. mastercard, visa, amex, dinersclub, etc.)
<i>currency</i>	validates currency (us dollars, pounds, yen)
<i>integer</i>	makes the element require positive or negative non-decimal number
<i>ipv4</i>	makes element require an IP address in ipv4 format
<i>letteronly</i>	makes element provide letters only
<i>notEqualTo</i>	makes element require a different value than other field
<i>nowhitespace</i>	makes element require no whitespace
<i>pattern</i>	makes element match given format expression
<i>phoneUS</i>	makes element match US phone number
<i>statesUS</i>	makes element validate against US state abbreviations
<i>time</i>	makes element require a valid time
<i>zipcodeUS</i>	makes element require a US zip code
<i>ziprange</i>	makes element require a US zip code in a given range