Regular Expressions

Examples of regular expressions to be used in some parts of Tiki
Tracker validation fields, such as text fields, allow to have some check against a regular expression. Some examples are:

1. Only records with more than 2 letters in the field are allowed:

   `^.{3,}$`

2. Only lowercase letters, numbers and dashes are allowed:

   `^[a-z0-9\-]+$`

3. Only lowercase letters in emails, therefore, letters, numbers, dots, dashes and underscores are allowed:

   `^[a-z0-9.\@\-\_]+$`

   Or an alternative (and more permissive) approach: all except uppercase letters:

   `^[^A-Z]+$`

4. Numbers between 0 and 1 (very useful to validate probabilities):

```
^((0(\.[0-9]*)?)|(1(\.0)?))$
```

5. Numbers between 0 and 100 (useful for positive values under and 3 digit threshold like 100):

```
^[0-9]{1}$|^[0-9]{1}[0-9]{1}$|^[1]{1}[0]{1}[0]{1}$|^100$
```

6. Positive numbers or zero only (useful for measurements of concentrations of chemical substances, for instance):

In Tiki 12.x LTS

```
^[0]{1}$|^(?!0*[.,]0*$|[.,]0*$|0*$)\\d+[,.]?\\d{0,2}$
```

Since Tiki 14.x

```
^[0]{1}$|^(?!0*[.,]0*$|[.,]0*$|0*$)\d+[,.]?\d{0,2}$
```

7. Uppercase letter, two numbers, dash, two numbers (e.g.: X00-00)

```
[A-Z][0-9][0-9]-[0-9][0-9]
```

8. Any user with the domain name ending with .example.com

```
/(^[^@]*@[^,]*.example.com$)/
```