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(\.[0-9]?)?))$  

5. Numbers between 0 and 100 (useful for positive values under and 3 digit threshold like 100):
   ^[0-9]{1}$|^[0-9]{1}[0-9]{1}$|^100$  

6. Positive numbers or zero only (useful for measurements of concentrations of chemical substances, for instance):
   In Tiki 12.x LTS
   ^[0]{1}$|^(?!0*\d+[,.]\d{0,2}$
   Since Tiki 14.x
   ^[0]{1}$|^(?!0*\d+[,.]\d{0,2}$

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$)/