

Software Testing

Homework 1

Class 42
欧阳鹏程
2141601030

April 8, 2017

1. Pick a topic of interest and expand it into a test ideas list.

A. Now consider a circumstance where you need to enter a legal E-Mail.
Note that the correct form of an E-Mail:

$$/[a-zA-Z0-9_]+@[a-zA-Z0-9_]+(\.[a-zA-Z0-9_]+)+\$/$$

So, here is the test ideas list:

Table 1: Test ideas list

Test	Why it's interesting	Expected result
<Blank>	Empty field, what's it do?	Reject? Ignore?
abc@abc.com.cn	Valid value	Accepts it
abc	Without '@' and domain name	Reject, error message
abc@	Without domain name	Reject, error message
abc@abc	Without suffix	Reject, error message
abc@.com	Without host name	Reject, error message
@abc.com	Without user name	Reject, error message
@	Without user name and domain name	Reject, error message
abccbc.cn	Without separator '@'	Reject, error message
***@abc.com	Invalid user name characters	Reject, error message
abc@a%c.c\$m	Invalid domain name characters	Reject, error message