Testing

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| --- | --- | --- |
| Action | Error | Valid |
| Username or password field blank | Please enter username/password | Login successfully |
| Username or password invalid | Check user name and password | Login successfully |
| To field of compose mail blank | Enter Email-id in To field | No error |
| Subject field blank | Warning will display | No error |
| Body field blank | Warning will display | No error |

* We checked this client on different computers which are connected through LAN.
* If user closes the browser without logging out session will be closed. So, user has to login again.
* It works properly on most popular browsers and operating systems.
* If user keeps Rookery on ideal state for 15 min application will be hanged. So, no one can miss use it.

Limitations

* Rookery can’t send email outside the domain right now because domain is not register.
* It can’t manage mails in different folders.
* It provides very basic functionalities compare to the other email services like Gmail and Yahoo mail.
* It can restore mail in one different folder.
* It is not as secure as Gmail and Yahoo mail.
* It requires email server which follows java mail API on server machine.
* It can’t decode some types of file properly which sent by attachment.

Enhancement

* In rookery we can implement many facilities like displaying news, weather forecast, score of matches, advertisements etc.
* We can deploy it on internet so anyone can use it.
* We can add many features like managing mail in folders, creating groups so can directly send mails to all group members.
* Managing contacts
* Online chatting facility
* Video calling like Skype