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| **Module Name:** Input module | | | | | | **Use case ID:** UC1 | | | | |
| 1. **Model Overview** | | | | | | | | | | |
| Accept the input from the user through a GUI in the form of digits. Give a prompt in case of erroneous input. | | | | | | | | | | |
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| **1.1 Inputs to Module** | | | | | | | | | | |
| The input to this module is 11 digits land line number including area code | | | | | | | | | | |
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| **1.2 Outputs from Module** | | | | | | | | | | |
| The output of this module is to identify valid landline phone number | | | | | | | | | | |
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| 1. **Test Data** | | | | | | | | | | |
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| **Use Case ID** | **Input Data** | | | **Expected Results** | | **Actual Results** | | **Pass/Fail** | | **Remark** |
| UC1-1 | 08255246700 | | | Input is correct/ phone number verified | | Input is correct/ phone number verified | | pass | | Logic coverage |
| UC1-2 | 246700 | | | Enter a valid phone number | | Enter a valid phone number | | pass | | Error handling |
| UC1-3 | 08255 246700 | | | Space between digits is not acceptable | | Space between digits is not acceptable | | pass | | Error handling |
| UC1-4 | deepthi | | | Enter phone number | | Enter phone number | | pass | | Error handling |
| UC1-5 | 8088594831 | | | Enter a valid landline number | | Enter a valid landline number | | pass | | Error handling |
| UC1-6 | 08255 | | | Enter a valid landline number | | Enter a valid landline number | | pass | | Error handling |
| UC1-7 | 08255\_246700 | | | Special character between digits is not acceptable | | Special character between digits is not acceptable | | pass | | Error handling |
| UC1-8 | 082555246700 | | | Enter 11 digits land line phone number | | Enter 11 digits land line phone number | | pass | | Error handling |
| UC1-9 | | 8088594831 | Enter a valid landline number | | Input is correct/  verified | | fail | | Error | |

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| **Module Name:** login module | | | | | **Use case ID:** LM1 | | | | | | | |
| 1. **Model Overview** | | | | | | | | | | | | |
| Accept the input from the user through a GUI in the form of email id and password. Give a prompt in case of erroneous input. | | | | | | | | | | | | |
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| **1.1 Inputs to Module** | | | | | | | | | | | | |
| The input to this module is valid email id and password at least with 8 characters including at least 1 upper case letter, 1 lower case letter, 1 special character and 1 digit | | | | | | | | | | | | |
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| **1.2 Outputs from Module** | | | | | | | | | | | | |
| The output of this module is to identify valid email id and password | | | | | | | | | | | | |
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| 1. **Test Data** | | | | | | | | | | | | |
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| **Use Case ID** | **Input Data** | | **Expected Results** | | **Actual Results** | | | **Pass/Fail** | | | **Remark** | |
| LM1-1 | [101deepthig@gmail.com](mailto:101deepthig@gmail.com)  Deepthig@2000 | | Successfully login | | Successfully login | | | pass | | | Logic coverage | |
| LM1-2 | 101 [deepthig@gmail.com](mailto:deepthig@gmail.com)  Deepthig@2000 | | Invalid email id | | Invalid email id | | | pass | | | Error handling | |
| LM1-3 | [101@deepthig@gmail.com](mailto:101@deepthig@gmail.com)  Deepthig@2000 | | Invalid email id | | Invalid email id | | | pass | | | Error handling | |
| LM1-4 | 101deepthig.gmail.com  Deepthig@2000 | | Invalid email id | | Invalid email id | | | pass | | | Error handling | |
| LM1-5 | ###’’’@gmail.com  Deepthig@2000 | | Invalid email id | | Invalid email id | | | pass | | | Error handling | |
| LM1-6 | [101deepthig@gmail.com](mailto:101deepthig@gmail.com)  deepthig@2000 | | Invalid password | | Invalid password | | | pass | | | Error handling | |
| LM1-7 | [101deepthig@gmail.com](mailto:101deepthig@gmail.com)  Deepthig2000 | | Invalid password | | Invalid password | | | pass | | | Error handling | |
| LM1-8 | [101deepthig@gmail.com](mailto:101deepthig@gmail.com)  Deepthi@ | | Invalid password | | Invalid password | | | pass | | | Error handling | |
| LM1-9 | 101deepthig@gmail  deepthig | | Invalid email id and password | Invalid email id and password | | | pass | | | Error handling | | |
| LM1-10 | [101deepthig@gmail.com](mailto:101deepthig@gmail.com)  deepthiG@20 | Invalid password | | | | Successfully login | | | Fail | | | Error |