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| --- | --- | --- | --- |
| **Iteration** | **Test Case** | **Function** | **Status** |
| 1 | Service service;  output=service.validateEmail() | {  } | Fail |
| 2 | Service service;  output=service.validateEmail(1abc) | validateEmail(1abc) {  if(email.contain(“1abc”)) {  return error:“email id should not contain starting number”;  } else {  return “Email is correct”;  }  } | Fail |
| 3 | Service service;  output=validateEmail(abc) | validateEmail(abc) {  if(email.contains(“abc”)) {  return error:“email id should contain @”;  } else {    return “Email is correct”;    }  } | Fail |
| 4 | Service service;  output=validateEmail(abc@) | validateEmail(abc@) {  if(email.contains(“abc@”)) {  return error:“email id should have domain i.e, .com”;    } else {    return “Email is correct”;  }  } | Fail |
| 5 | Service service;  output=checkUniqueEmail(abc@gmail.com) | checkUniqueEmail([abc@gmail.com](mailto:abc@gmail.com)) {  if(email.unique(“abc@gmail.com”)) {  Return error:“email id is already registered! Please try sign up using another email”; }  else {  return “Email is correct”;  }  } | Fail |
| 6 | Service service;  output=validateEmail(abc@gmai.com) | validateEmail([abc@gmai.com](mailto:abc@gmai.com)) {  if(email.contains(“[abc@gmai.com](mailto:abc@gmai.com)”)) {  return “Valid Email”;  }  } | Pass |
| 7 | Service service;  output=validatePassword(1233456) | validatePassword(1233456) {  if(password.contains(1233456) {  return error:“Password should contain Alphanumeric value”;  } else {  return “”Valid Password;  }  } | Fail |
| 8 | Service service;  output=validatePassword(ab12) | validatePassword(ab12) {  if(password.contains(ab12) {  return error:“Password length should be minimum 8  characters”; } else {  return “”Valid Password;  }  } | Fail |
| 9 | Service service;  output=validatePassword(abcd12345) | validatePassword(abcd12345) {  if(password.contains(ab12) {  return “Valid password”;  }  } | Pass |
| 10 | Service service;  output=service.signUpForm() | signUpForm() {  } | Fail |
| 11 | Service service;  output=service.signUpForm(“ ”,” ”) | signUpForm(“ ”,” ”) {  if(email.equals(“ ”) && password.equals(“ ”)) {  return error:“Please fill all d details”;  }  } | Fail |
| 12 | Service service;  output=service.signUpForm(abc@gmail.com,nikhil@1302) | signUpForm([abc@gmail.com](mailto:abc@gmail.com),nikhil@1302) {  if(email.equals(“[abc@gmail.com](mailto:abc@gmail.com)”) && password.equals(“nikhil@1302”)) {  return “User Sign Up Successful”;  }  } | Pass |