Test Cases for Create Account

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| **Test case** | **Description** | **Input** | **Expected Output** | **Actual Output** | **Notes** |
| 1 | Check the actual functionality by providing email, password, and name | Email: [test@abc.com](mailto:test@abc.com),  Password: test@abc  Name: Test user | JSON returned with 200 status |  |  |
| 2 | Check if it fails when password is not provided | Email: [test@abc.com](mailto:test@abc.com)  Name: Test user | JSON returned with 400 status |  |  |
| 3 | Check if it fails when email is not provided | Name: Test  Password: Test | JSON returned with 400 status |  |  |
| 4 | Check if it fails when name is not provided by the user | Email: [Test@gmail.com](mailto:Test@gmail.com)  Password: test | JSON returned with 400 status |  |  |
| 5 | Check if it is working fine when no data is provided by the client | NA | JSON returned with 400 status |  |  |
| 6 | Check the email validation is done correctly | Email: test@abc  Password: test  Name: test | JSON returned with 400 status |  |  |
| 7 | Check if password validation is working fine i.e. it should be 8 or more characters long | Email: [test@gmail.com](mailto:test@gmail.com)  Password: test  Name: | JSON returned with 400 status |  |  |
| 8 | No accounts should exist with same email/username | Email: [test@abc.com](mailto:test@abc.com)  Password: test | JSON returned with 400 status |  |  |

Test Cases for Login

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| **Test case** | **Description** | **Input** | **Expected Output** | **Actual Output** | **Notes** |
| 1 | Check if the login functionality if working correctly | Email: [test@abc.com](mailto:test@abc.com)  Password: test user | JSON returned with 200 status |  |  |
| 2 | Check that it handles the situation when no password is provided | Email: [test@abc.com](mailto:test@abc.com) | JSON returned with status 400 status |  |  |
| 3 | Check that it handles the situation when no email/username is provided by the client | Password: test user | JSON returned with status 400 status |  |  |
| 4 | Check that it handles the situation correctly when wrong username and password is provided | Email: [test2@gmail.com](mailto:test2@gmail.com)  Password: abc | JSON returned with 400 status |  |  |
| 5 | Check that API does not break when no data is provided by the client | NA | JSON returned with 400 status |  |  |
| 6 | Check that the email/username validation is done correctly | Email: test  Password: test | JSON returned with 400 status |  |  |

Test Cases for Update Profile –

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| **Test case** | **Description** | **Input** | **Expected Output** | **Actual Output** | **Notes** |
| 1 | Check that email is being updated correctly | Email: testUpdate@gmail.com | JSON returned with status 200 |  |  |
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