

# Test Plan for Tutor Master

*\*Note: the number in front of each user story is the actual number used in TutorMaster's Product Backlog for better reference*

## 1. As a user, I would like to create an account

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
1.1	Create Account	Create account without entering Firstname field	Create account should fail because "incomplete information"	1
1.2	Create Account	Create account without entering Lastname field	Create account should fail because "incomplete information"	1
1.3	Create Account	Create account without entering password field	Create account should fail because "incomplete information"	1
1.4	Create Account	Create account without entering email field	Create account should fail because "incomplete information"	1
1.5	Create Account	Create account with entering an email account that already used	Create account should fail because "User already exist"	1
1.6	Create Account	Create account with entering all corresponding inputs, and click "Register" button	User should be redirected to login page	1
1.7	Create Account	A user click "Register" with entering a password whose length is not between 5 to 10 characters	Create account should fail because of incorrect length of password	1
1.8	Create Account	A user click "Register" with entering a wrong email address format.	Create account should fail because of wrong email format	1

7. As a tutor, I would like to edit a tutor profile.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
7.1	Edit tutor profile	Tutor enter a phone number which is not 10 digits	Phone number added fails because incorrect length	2

8. As a student, I would like to edit a user settings

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
8.1	Edit user setting	A user click submit with entering wrong current password	The change should not be made because of wrong current password	2
8.2	Edit user setting	A user click submit with entering only change email address field	The change should be successfully made, with only email address changed.	2
8.3	Edit user setting	A user click submit without entering current password	The change should not be made because no current password, system should prompt the user to enter current password	2
8.4	Edit user setting	A user click submit with entering new password field but without entering confirm new password field	The change should not be made because no confirm new password	2
8.5	Edit user setting	A user click submit without entering change email address field	Only password is changed. Email address should remain the same	2
8.6	Edit user setting	A user click submit with entering different password in new password field and confirm new password	The change should not be made because password does not match	2

		field		
8.7	Edit user setting	A user click submit with entering a password whose length is not between 5 to 10 characters	The password change fails because of incorrect length of password	2
8.8	Edit user setting	A user click submit with entering a wrong email address format.	The email address change fails because of incorrect email format	2

9. As a tutor, I would like to input the classes I can tutor.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
9.1	input class	Tutor enter a already existing class name in "add non-existing class" input box	Add class fails because class already existed.	2
9.2	input class	Tutor add a class without entering the rate	Add class action fails because no rate entered	2

10. As a tutor, I would like to input the days I can tutor.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
10.1	Input the tutor days	Drag the slots in the calendar in which he/she could tutor.	The schedule should be updated.	2
10.2	Input the tutor days	Click an already added time, and then confirm delete.	The clicked slot time should be deleted. The schedule should be updated	2

11. As a tutor I would like to input the times I can tutor

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
11.1	Correctly input times	Create available time interval in the calendar by dragging	The corresponding time interval should be created and be displayed on the calendar. The newly created time interval should also be stored into the database.	2
11.2	input invalid times	Create a time interval that partially or fully overlaps with an existing time interval	This time interval should not be created as it is not valid	2
11.3	delete created time interval	Choose an existing time interval and delete it by clicking on it.	The selected time interval should be deleted and changes should be displayed by the calendar. Also, database needs to be updated.	2

12. As a tutor, I would like to input the price I tutor for

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
12.1	Test for normal input number	In the "rate" field, input a positive integer.	The number should be accepted by the software and be stored into specific entry in the database	2
12.2	Test for negative input	In the "rate" field, input a negative integer.	The number should not be accepted as it is invalid, and the software should have some kind of pop out to remind user about that.	2
12.3	Test for non-numeric input value	In the "rate" field, input a string. e.g "abc"	The input should not be accepted as it is not a number, and the software should have pop ups to remind user	2
12.4	Test for empty input	Leave the "rate" field empty when try to become a tutor for a class	Software should detect the form is not complete and remind the user	2

13. As a tutor, I would like to be able to create a bio

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
13.1	Test for normal input	In the "bio" field, input normal string. Look into the database to see if the bio is successfully created or updated.	The input should be accepted and be stored or updated in the database	3
13.2	Test for empty input	Leave the "bio" empty and click "submit" button.	The input should be accepted, and bio should remain the same and no change should happen to bio entry stored in the database neither.	3

14. As a tutor, I would like to see my rating

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
14.1	Test for data retrieval	From the class list, click a class for which I sign up as a tutor, then click on my name to see my rating.	My detail should be displayed on the screen as well as my rating	2

15. As a tutor, I would like to remove my tutoring availability.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
15.1	Remove tutoring availability	Clicking on a pre-inserted time slot and when message "are you sure you want to delete this event" pops up, choosing ok	Tutoring availability is deleted and pre-selected time slot should remain empty.	2
15.2	Remove tutoring availability	Selecting on a multiple pre-inserted time block and when message "are you sure you want to delete this event" pops up, clicking ok	multiple time slots should be removed from tutor's calendar, the removed time slots should remain empty	2

16. As a tutor, I would like to modify my tutoring availability.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
16.1	Modify my	Drag down the	new	2

	tutoring availability	empty time slots	availabilities should be added	
16.2	Modify my tutoring availability	Drag down both empty time slots and selected time slots	only empty time slots can be selected and after selecting them successfully, they should become a block taken on calendar.	2
16.3	Modify my tutoring availability	Drag down pre-selected time slots	nothing happens	2

17. As a student, I would like to input the classes I am taking.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
17.1	student Inputting classes	type the class name	new class is added in user's dashboard	2
17.2	student Inputting classes	type the empty class name	not able to add new class and error message message pops out	2
17.3	student Inputting classes	type the class's name more than 10 characters	not able to add new class and error message message pops out	2

18. As a student, I would like to input the time I am available weekly.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
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18.1	student input available time weekly	Drag down the empty time slots	new availabilities should be added	2
18.2	student input available time weekly	Drag down both empty time slots and pre-selected time slots	only empty time slots can be selected and after selecting them successfully, they should become a block taken on calendar and the block cannot overlap with pre-existing time slots.	2

21. As a student, I would like to send a reservation notice to the tutor

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
21.1	Send a reservation notice to the tutor	Select one available time slot on the tutor's schedule and send the request	Request sent successfully. The tutor get the right notice	2
21.2	Send a reservation notice to the tutor	Try to select a block of time that the tutor is not available and send the request	Not able to select the block on the calendar	2
21.3	Send a reservation notice to the tutor	Send the tutor reservation notice on the same time slot I already sent the reservation notice on before	The tutor will get two reservation notices from the same user	2



25. As a student, I would like to see the time of tutors that matches my free time

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
25.1	View matched time slot	Login as a user with free calendar.	I am able to see all the available time sessions for that tutor	2
25.2	View matched time slot	Login as a user with exact one time slot that is conflicting with a specific tutor's help session.	I will not see that conflicting session shown on that tutor's time schedule	2
25.3	View matched time slot	Login as a user with two time slots that are overlapping with the specific tutor's help sessions	I will not see those two overlapping sessions on the tutor's time schedule	2

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27. As a user, I would like to login back to my account created.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
27.1	Log back to Account	First, sign up successfully by inputting account information.	The page should be redirected to the login page again.	2
27.2	Log back to Account	Enter your login information.	Logging back to my account created should be successful.	2

28. As a user, I would like to logout of my account.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
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28.1	Logout	A user should be in successfully logged in state.	On the TutorSearch page, there should be a button named "Logout" at the bottom left corner of the TutorSearch page.	2
28.2	Logout	Click the "Logout" button	The page should be redirected to the login page again.	2

29. As a student, I would like to view the tutor's profile {rating, price, bio etc.}.

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
29.1	View Tutor's Profile	From the left drawer, select the class which the user want to view.	The drawer should expand, with names of the available tutors.	2
29.2	View Tutor's Profile	Click the name of the certain tutor from the expanded drawer whom the user would like to view a profile of.	After selecting a tutor, user should be able to view all the information of the tutor including rating star, bio etc., along with the calendar.	2

30. When a user becomes a tutor, the button on Tutor Search screen at the bottom left changes from "Become a Tutor" to "Tutor Settings".

Test Plan ID	Descriptive Title	Instruction	Expected Result	Severity
30.1	Tutor Settings Button Appear	After the user decides to become a tutor, click "Become a Tutor" button on the bottom left corner of the TutorSearch page.	A User gets to TutorSettings page, and should be able to successfully become a tutor by filling out necessary information.	2
30.2	Tutor Settings Button Appear	From the TutorSettings page, click the button named "Main Page."	The user gets redirected to the main page, which is the TutorSearch page.	2

30.3	Tutor Settings Button Appear	After a user became a tutor, check the bottom left corner in which the button named "Become a Tutor" was present.	The button on Tutor Search page at the bottom left has changed from "Become a Tutor" to "Tutor Settings".	2
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