TestPlan--Team 4
VOTO

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Functional Requirement 1

As a user, I would like to be able to create a poll

Functional Test Cases

Test ID	1
Title	Create a poll
Instructions	On the poll creation page, fill out required fields and submit the poll
Expected Result	Poll is created successfully and the app gives users feedback on whether submission is finished
Severity	Critical

Equivalence Test Cases

Test ID	2
Title	Fill fields with some invalid characters.
Instructions	When creating a poll, fill the input fields with some non-alphabetical characters.
Expected Result	If those characters are invalid inputs, app displays an error message.
Severity	Important

Test ID	3
Title	Fill fields with valid characters
Instructions	When creating a poll, fill the input fields with alphabetical characters.

Expected Result	A new poll should be created
Severity	Important

Boundary Test cases

Test ID	4
Title	Empty input
Instructions	Leave some fields blank and submit a poll.
Expected Result	App displays a "empty field" error
Severity	Important

Test ID	5
Title	Long string input
Instructions	Type string inputs that are too long.
Expected Result	App displays a "input too long" error
Severity	Important

Functional Requirement 2

As a user, I would like to be able to vote on polls
Functional Test Cases

Test ID	6
Title	Vote a poll
Instructions	Choose an answer and vote
Expected Result	Vote is functional and some feedback from the app that tells me that the vote is submitted
Severity	Critical

Equivalence Test Cases

Test ID	7
Title	Choosing multiple answers
Instructions	Choose multiple answers and vote
Expected Result	Users are only able to choose only one answer or gives an error message when users trying to choose multiple answers when submitting the vote.
Severity	Critical

Test ID	8
Title	Choosing single answers
Instructions	Choose single answers and vote
Expected Result	A new vote is completed
Severity	Important

Boundary Test Cases

Test ID	9
Title	Vote without choosing an answer
Instructions	On the vote page, vote a poll without choosing an answer.
Expected Result	App displays a "No answer selected" error
Severity	Important

Functional Requirement 3

As a user, I would like to be able to create an account

Functional Test Cases

Test ID	10
Title	Sign up for the app
Instructions	New user clicks on the "Create account" button
Expected Result	Create account page appears, asking for user input
Severity	Critical

Test ID	11
Title	Creating the user's profile
Instructions	On the signup page, fill out the necessary information such as display name, password, email
Expected Result	The newly created user is stored in database with corresponding information
Severity	Critical

Equivalence Test Cases

Test ID	12
Title	Create an account with empty username
Instructions	On the Create profile page, leave the display name blank and click create
Expected Result	App displays a "Display name empty" error
Severity	Important

Test ID	13

Title	Create an account with empty password
Instructions	On the Create profile page, leave the password blank and click create
Expected Result	App displays a "Password empty" error
Severity	Important

Boundary Test cases

Test ID	14
Title	Display Name contains invalid characters
Instructions	On the Create profile page, enter a display name that has invalid characters such as emojis or symbols and click create
Expected Result	App displays a "Illegal character" error
Severity	Important

Functional Requirement 4

As a user, I would like my information to be able to be stored in a remote database

Functional Test Cases

Test ID	15
Title	Sign up for the app
Instructions	New user signs up for the app using his credentials
Expected Result	A new user's info is stored into database
Severity	Critical

Equivalence Test cases

Test ID	16
Title	Change username within profile edit
Instructions	Within the profile page, the user clicks on edit profile and then chooses a new username for the profile
Expected Result	The user's updated username is seen changed within the database
Severity	Important

Equivalence Test cases

Test ID	17
Title	Change email within profile edit
Instructions	Within the profile page, the user clicks on edit profile and then chooses a new email address for the profile
Expected Result	The user's updated email address is seen changed within the database
Severity	Important

Functional Requirement 5

As a user, I would like to be able to end a poll at any point in time

Functional Test Cases

Test ID	18
Title	Delete poll page
Instructions	New user clicks on the trash can button
Expected Result	Delete poll page should show up
Severity	Important

Functional Test Cases

Test ID	19
Title	Ending a poll
Instructions	User clicks on the delete poll page and select polls that he wants to end
Expected Result	The existing chat room disappears
Severity	Important

Equivalence Test Cases

Test ID	20
Title	Ending a poll that other user created
Instructions	User clicks on the delete poll page and select polls that is not created by current user
Expected Result	Nothing should happen or error message displays
Severity	Important

Functional Requirement 6

As a user, I would like to be able to edit my poll name during polling
Functional Test Cases

Test ID	21
Title	Edit poll name
Instructions	User edits the poll name when the polling is in progress
Expected Result	The poll name is changed and is the new poll name is visible to all users
Severity	Critical

Equivalence Test Cases

Test ID	22

Title	User enters a poll name that already exists
Instructions	On the poll, the user enters a name that already exists in the list
Expected Result	App displays a "Poll name already exists" error
Severity	Important

Test ID	23
Title	User enters a new poll name
Instructions	On the poll, the user enters a new name
Expected Result	New name should be displayed for the poll
Severity	Important

Boundary Test cases

Test ID	24
Title	User enters invalid characters for poll name
Instructions	On the poll, enter a poll name that has invalid characters such as emojis or symbols and click on change poll name
Expected Result	App displays a "Illegal character" error
Severity	Important

Functional Requirement 7

As a user, I would like to see a list of my previous polls

Functional Test Cases

Test ID	25

Title	Go to the previous poll page
Instructions	User clicks on the previous poll button
Expected Result	Previous poll page shows up and display the user's previous polls correctly
Severity	Important

Equivalence Test Cases

Test ID	26
Title	Go to the previous poll page without any poll
Instructions	A user who did not create any poll click on the previous poll button
Expected Result	The Previous poll page should not display any polls
Severity	Workaround

Functional Requirement 8

As a user, I would like to easily view the results of past polls
Functional Test Cases

Test ID	27
Title	View results of past polls
Instructions	Press button on the toolbar
Expected Result	A new page is created to show all psat polls
Severity	Important

Equivalence Test Cases

Test ID	28
Title	Check results after adding a new poll

Instructions	Create a new poll and enter the past poll page
Expected Result	New poll should be displayed on screen
Severity	Important

Boundary Test cases

Test ID	29
Title	No poll is added for current user
Instructions	Enter past poll page without any polls
Expected Result	Nothing should be displayed on past poll page
Severity	Workaround

Functional Requirement 9

As a user, I would like to be able to retrieve my information from the backend

Functional Test Cases

Test ID	30
Title	Retrieve information from backend
Instructions	Click button from toolbar
Expected Result	User profile information is displayed on screen
Severity	Important

Equivalent Test Cases

Test ID	31
Title	Retrieve information from backend after update

Instructions	Click button from toolbar after update the username
Expected Result	User profile information is displayed on screen with the updated username
Severity	Important

Functional Requirement 10

As a user, I would like to be able to attach images to a poll
Functional Test Cases

Test ID	32
Title	Select image to a poll
Instructions	Open a poll and press add an image button to select image from gallery to the poll
Expected Result	A pop-up page will display for select image
Severity	Important

Test ID	33
Title	Upload image to a poll
Instructions	Open a poll and press add an image button to select image from gallery to the poll
Expected Result	Image can be uploaded and saved for polls
Severity	Important

Equivalence Test Cases

Test ID	34
Title	Upload regular image captured from camera
Instructions	Take a picture using camera and select it from gallery
Expected Result	Selected image is uploaded and saved

Severity	Important

Boundary Test cases

Test ID	35
Title	No image is selected
Instructions	Before uploading, select nothing for image
Expected Result	Uploading should not be allowed
Severity	Workaround

Functional Requirement 11

As a user, I would like to be able to easily view the results of previous polls

Functional Test Cases

Test ID	36
Title	Viewing results of previous polls
Instructions	Click on menu and click on view past polls and click on the poll you would like to see the results of
Expected Result	The results of the selected poll is shown
Severity	Important

Equivalence Test Cases

Test ID	37
Title	Add a new answer for poll result
Instructions	Enter poll and give a new answer

Expected Result	The results should be updated for new upcoming answers
Severity	Important

Test ID	38
Title	Poll result for deleted poll
Instructions	Delete poll from list
Expected Result	No results should be displayed due to deletion
Severity	Important

Functional Requirement 12

As a user, I would like to be able to vote on a poll without creating an account if allowed

Functional Test Cases

Test ID	39
Title	Voting without having an account if allowed
Instructions	User signs in as an anonymous user and vote
Expected Result	The user is able to vote as an anonymous user
Severity	Workaround

Functional Requirement 13

As a user, I would like to be able to create a poll without creating an account
Functional Test Cases

Test ID	40
Title	Creating a poll without creating an account

Instructions	The user is able to create a poll as an anonymous user without logging in with credentials from the database
Expected Result	A poll is created
Severity	Important

Equivalence Test Cases

Test ID	41
Title	Fill poll fields with some invalid characters.
Instructions	When creating a poll, fill the input fields with some non-alphabetical characters.
Expected Result	If those characters are invalid inputs, app displays an error message.
Severity	Important

Boundary Test cases

Test ID	42
Title	Anonymous user creates poll with descriptions containing invalid characters
Instructions	On the poll, enter a poll name/poll options that have invalid characters such as emojis or symbols and click on change poll name
Expected Result	App displays a "Illegal character" error
Severity	Important

Functional Requirement 14

As a user, I would like to be able to restrict access to poll results
Functional Test Cases

Test ID	43

Title	Restrict access to poll result
Instructions	Restrict the poll result access in the app.
Expected Result	When changing the access of poll results, only certain groups of users are able to see the poll results.
Severity	Important

Boundary Test Cases

Test ID	44
Title	Restrict access to all the people
Instructions	Change the access that no one can see the results.
Expected Result	Nobody except the creator can see poll results.
Severity	Important

Test ID	45
Title	Set no access restriction on poll results
Instructions	Change the access that everyone can see the results.
Expected Result	Everyone can see the poll results.
Severity	Important

Functional Requirement 15

As a user, I would like to be able to choose the type of poll (class question, regular poll, ect.)
Functional Test Cases

Test ID	46

Title	Choose type when creating a poll
Instructions	When creating a poll, choose the type of the poll.
Expected Result	Users can see the type of the poll on their poll list.
Severity	Workaround

Equivalence Test Cases

Test ID	47
Title	Choose multiple types for a poll
Instructions	Try to choose multiple types when creating a poll.
Expected Result	The app is not supposed to let users choose multiple types.
Severity	Workaround

Boundary Test cases

Test ID	48
Title	Don't choose type when creating a poll.
Instructions	When creating a poll, don't choose the type and submit.
Expected Result	The app displays a message error on not choosing the type or set the type to default if users don't choose the type.
Severity	Workaround

Functional Requirement 16

As a user, I would like to be able to set a poll answer as "correct" if applicable

Functional Test Cases

Test ID	49
Title	Set a poll answer as "correct"
Instructions	When creating a poll, set one answer to be the correct answer
Expected Result	The setted answer is the correct answer for this poll
Severity	Workaround

Equivalence Test Cases

Test ID	50
Title	Does not set a poll answer as "correct"
Instructions	When creating a poll, not setting a correct answer for the poll
Expected Result	There won't be a correct answer for this poll
Severity	Workaround

Functional Requirement 17

As a user, I would like to be able to see if I got a poll answer "correct" if applicable

Functional Test Cases

Test ID	51
Title	Got a poll answer "correct"
Instructions	Choose the correct answer for the poll
Expected Result	The user should be able to see that the selected answer is the correct answer
Severity	Workaround

Equivalence Test Cases

Test ID	52
Title	Got a poll answer not "correct"
Instructions	Choose the answer that is not correct for the poll
Expected Result	The user should not be able to see which answer is the correct answer
Severity	Workaround

Functional Requirement 18

As a user, I would like to be able to see how much time I have left on the poll

Functional Test Cases

Test ID	53
Title	Seeing the time left in the poll to submit results
Instructions	Enter a poll and there is a timer that shows the time left for the poll
Expected Result	The user is able to see the time left to submit answers for the poll
Severity	Workaround

Equivalence Test Cases

Test ID	54
Title	New poll timer
Instructions	Create a new poll and check the timer
Expected Result	Timer should be consistent for new polls
Severity	Workaround

Functional Requirement 19

As a user, I would like to be able to delete past polls

Functional Test Cases

Test ID	55
Title	Go to the delete page
Instructions	Enter the view past polls page and select the past polls then clicks delete
Expected Result	The delete poll page should show up
Severity	Workaround

Functional Test Cases

Test ID	56
Title	User being able to delete past polls
Instructions	On the delete poll page and click confirm
Expected Result	The selected past polls disappear from the view past poll page
Severity	Workaround

Equivalent Test

Test ID	57
Title	Deleted poll before expire
Instructions	On the delete poll page and click confirm
Expected Result	The selected past polls disappear from the view past poll page and public
Severity	Workaround

Functional Requirement 20

As a user, I would like to be able to sort past polls

Functional Test Cases

Test ID	58
Title	User is able to enter the past polls page and sort the past polls based on the alphabetical order of the poll names
Instructions	User clicks on the sort button in the past polls page
Expected Result	The past polls are sorted based on the alphabetical order
Severity	Workaround

Functional Requirement 21

As a user, I would like to be able to see graphical data on past polls

Functional Test Cases

Test ID	59
Title	View graphical data
Instructions	On the poll result page, click a button to see the graphical data.
Expected Result	The app displays the graphical data of the poll result.
Severity	Important

Equivalence Test Cases

Test ID	60
Title	The graphical data matches the poll result.
Instructions	Make the app display the graphical data.
Expected Result	The graphical data should match the poll results.

Severity	Important

Functional Requirement 22

As a user, I would like to be able to edit the name of past polls

Functional Test Cases

Test ID	61
Title	Edit poll title
Instructions	Click edit name and enter a different name
Expected Result	Name is changed to the newly-entered name
Severity	Workaround

Equivalence Test Cases

Test ID	62
Title	Edit poll title with same name
Instructions	Click edit name and enter the same name
Expected Result	Name is not changed
Severity	Workaround

Boundary Test cases

Test ID	63
Title	Edit poll title with no name
Instructions	Click edit name and enter no name
Expected Result	Name is unchanged
Severity	Workaround

Test ID	64

Title	Edit poll title with very long name
Instructions	Click edit name and enter a very long name(30+ character)
Expected Result	Either the app fixes the length of new name or it somehow displays properly
Severity	Workaround

Functional Requirement 23

As a user, I would like to be able to change my account password

Functional Test Cases

Test ID	65
Title	Change password
Instructions	Navigate to profile, click change password and enter a new password in the email's link
Expected Result	Password is changed to newly-entered one
Severity	Important

Equivalence Test Cases

Test ID	66
Title	Change password with the same password
Instructions	Navigate to profile, click change password and enter the same password in the email's link
Expected Result	Password remains the same
Severity	Important

Test ID	67

Title	Change password with special characters
Instructions	Navigate to profile, click change password and enter a password with special character(space, tab, etc.) in the email's link
Expected Result	The password should not be changed
Severity	Important

Boundary Test cases

Test ID	68
Title	Change password with very short password
Instructions	Navigate to profile, click change password and enter a very short password(1 character) in the email's link
Expected Result	The password should not be changed
Severity	Important

Functional Requirement 24

As a user, I would like to be able to change my account information (name, email, etc.)

Functional Test Cases

Test ID	69
Title	Change account name
Instructions	Navigate to profile page and click edit profile and enter a new name
Expected Result	The name is changed to the newly-entered one
Severity	Workaround

Test ID	70

Title	Change account email
Instructions	Navigate to profile page and click edit profile and enter a new email
Expected Result	The email is changed to the newly-entered one
Severity	Workaround

Boundary Test cases

Test ID	71
Title	Change to a very long account name
Instructions	Navigate to profile page and click edit profile and enter a very long name(30+ character)
Expected Result	Either the app fixes the name's length or it displays it properly
Severity	Workaround

Test ID	72
Title	Change to a very long email
Instructions	Navigate to profile page and click edit profile and enter a very long email(50+ character)
Expected Result	The email should still be recorded correctly
Severity	Workaround

Functional Requirement 25

As a user, I would like to be able to receive notifications on polls I've created
Functional Test Cases

Test ID	73

Title	Receive notification
Instructions	Create a new poll
Expected Result	Receive notification on new updates on poll
Severity	Workaround

Equivalence Test Cases

Test ID	74
Title	Receive notification when app is closed
Instructions	Create a new poll and close app
Expected Result	Notification is still received
Severity	Workaround

Functional Requirement 26

As a user, I would like to be able to logout of the application

Functional Test Cases

Test ID	75
Title	Logout out app
Instructions	Navigate to profile page and logout
Expected Result	Logout of the app
Severity	Important

Boundary Test cases

Test ID	76
Title	Logout out then press go back
Instructions	Navigate to profile page, click logout and press the system default go back button

Expected Result	Logout of the app
Severity	Important

Functional Requirement 27

As a user, I would like to review the current results for a poll that I have created

Functional Test Cases

Test ID	77
Title	Go to the poll page
Instructions	Clicks on the poll that the user created
Expected Result	Show the poll page of that poll
Severity	Important

Functional Test Cases

Test ID	78
Title	Review the current results
Instructions	On the poll page of the poll that the user created
Expected Result	The current results of that poll should show up and the user can view the results
Severity	Important

Functional Requirement 28

As a user, I would like to be able to delete my account

Functional Test Cases

Test ID	79
Title	Delete account

Instructions	Click on the delete account button
Expected Result	The delete account page shows up
Severity	Workaround

Functional Test Cases

Test ID	80
Title	Confirm Delete account
Instructions	Click on confirm on delete account page
Expected Result	The account is deleted successfully
Severity	Workaround

Functional Test Cases

Test ID	81
Title	After delete account
Instructions	After clicks on the confirm when deleting account
Expected Result	The app goes back to the initial page
Severity	Workaround