E-Gram Seva

System Test Case v1.0

Team 22
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REVISION HISTORY

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Glossary:-

1. Test Case ID: Signifies the Case ID of the test case.

2. Prerequisite: The condition which must be satisfied before the execution of the test case.

3. Description: Briefly describes the test case.

4. Expected Output: The output that should be achieved.

Modules to be Tested are:-

1. Accessing the homepage

2. Sign in

3. Registration (online)

4. Registration (mobile)

5. User Specific Tests
    a. Edit Registrations (register/ deregister)

    b. News navigation

    c. Forgot Password

d. Change password

6. Admin Specific Tests

    a. News Updating (Ripper)

    b. Message sending

    c. Statistics

7. Queries
8. Translator
9. Message sending and receiving
10. Database
11. Hyperlink

Test Cases Description

1. Accessing the homepage

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-1	Entering incorrect URL	User uses web browser to navigate web pages.	URL	Browser will show the error message that page not found or different site will open
T-2	Entering correct URL	User uses web browser to navigate web pages.	URL	Home page of the website will be displayed by the browser

2. Sign in

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-3	Blank Mobile No	Every Registered user has mobile no and password stored in the database	Mobile no	An Error message will be displayed on the screen asking user to re-enter the mobile no and Password
T-4	Blank Password	Every Registered user has mobile no and password stored in the database	Mobile no and Password	An Error message will be displayed on the screen asking user to re-enter the mobile no and Password
T-5	Invalid mobile no	Every Registered user has username and password stored in the database	Mobile no and Password	An Error message will be displayed on the screen asking user to re-enter the mobile no and Password
T-6	Invalid Password	Every Registered user has mobile no and password stored in the database	Mobile no and Password	An Error message will be displayed on the screen asking user to re-enter the mobile no and Password
T-7	Correct Username & Password	The user has registered to this site.	Username and Password	The Home Page of the Person will be displayed by the browser

3. Registration (Online)

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-8	Blank Fields during registration	Some of the fields left unfilled	Mobile No, Password, Subscription	An error message will be displayed saying that the fields cannot be left blank
T-9	Invalid mobile no(alphanumeric or special character or less than or more than 10 digit no)	Register button clicked	Mobile no	An message will be displayed saying to input correct mobile no
T-10	Short Password or different password in the 1st & 2nd iteration	Register button clicked	Match the Password typed in the 1st iteration with the password in the 2nd iteration	An error message saying that password typed differ
T-11	Mobile no already registered	Register button clicked	Mobile No	Message saying that user is already registered and loading the login page
T-12	Successful registration	Valid and correct data in all the data fields	Mobile No, Password, Subscription	A message will be displayed saying that you have successfully registered and database is updated , redirected to login page

4. Registration (from mobile)

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-13	Blank registration message	Registration message	Registration message	A reply message will be sent saying that improper format of message
T-14	Message does not contain	Registration message	Registration message	A reply message will be sent saying that improper

				format of message
T-15	Message language not English	Registration message	Registration message	A reply message will be sent saying that improper format
T-16	Non existing registration category	Registration message	Registration message	A reply message will be sent saying that the category does not exist
T-17	Successful registration	Valid category and correct format	Registration message	A message will be sent saying that you have successfully for category xyz & login password, database is updated, redirected to login page,

5. User specific tests

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-18	Change Subscription	Registered user should click Edit Subscription	Value of edit subscription button	Page redirection to subscription form
T-19	Forgot password	Forgot password button clicked	Value of forgot password button, Mobile no	Message sent to mobile no containing new password
T-20	Password Change	Registered user should click Change password	Value of change password button, Mobile no	Password changed and database updated
T-21	News navigation	News link clicked	Working hyperlink	News opens in new tab

6. Admin specific tests

Test Case ID	Test Case	Prerequisite	Data to be tested	Expected output
T-22	Send message to registered candidate	Admin login	Mobile no. where message is being sent	Information containing message should be sent
T-23	Statistics	Admin login	Subscription and user database	All users and their subscription is shown

7. Queries

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-24	Blank message received	Message received	Received message	A reply message will be sent saying that improper format of message
T-25	Non existing category	Message received	Received message	A reply message will be sent saying that improper format of message
T-26	Existing category queried	Message received	Received message	Disease Information of the Queried ID is sent

8. Translator

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-27	Word Translation	News to be translated has been stored	Message to be translated	Single words translated correctly

T-28	Grammatical translation	News to be translated has been stored	Message to be translated	Words are being translated correctly with certain grammatical accuracy

9. SMS transmission and reception via Diafaan

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-29	Message Received	Netconnectivity	Message_IN database	Message should be stored in message_in database
T-30	Message Sent	Netconnectivity	Message_OUT database	Message should be stored in message_out database

10. Database

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-31	Updating	Database modification	Database	Triggers should be run and database should be updated

11. Hyperlink

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-32	Hyperlinks	Hyperlinked objects accessed	Hyperlink status	Redirection of user to the linked page

12. Seeds' price for news

Test Case ID	Test Case	Prerequisite	Data to be Tested	Expected Output
T-33	Prices being captured	Ripper scheduled and running	Database of ripper	Prices being stored to database
T-34	Price Updating	User uses web browser to navigate web pages.	Database of ripper	Periodic updating of database