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USE CASES – SOFTWARE TESTING

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| **Project Name** | | **NewsCapsule - Suggesting a compact, full package of news** | | | | |
| **Reference Document** | | **Project Functional Requirement Specification , Version 1** | | | | |
| **Created by** | | **Deep gohil,Shashwat shah,aagam shah** | | | | |
| **Date of creation** | | **13-Feb-24** | | | | |
| **Date of review** | | **20-Feb-24** | | | | |
|  |  |  |  |  |  |  |
| **Test case ID** | **Test Objective** | **Precondition** | **Steps:** | **Test data** | **Expected result** | **Post-condition** |
| TC\_GCED\_UI\_01 | Verify user registration functionality | User is on the registration page | * Navigate to the registration page * Enter valid user details. 3. Click on the "Register" button. | Valid user registration details | User should be  successfully registered and redirected to the  login page.. | User account is created in the system. |
| TC\_GCED\_UI\_02 | Test login functionality with valid credentials | User is on the login page | * Navigate to the login page. * Enter valid username   and password. | Valid user registration details | User should be logged in and redirected to the  dashboard. | User is logged in to the system. |
| TC\_GCED\_UI\_03 | Test login functionality with invalid username | User is on the login page | * Navigate to the login page. * Enter invalid   username and valid  password. 3. Click on the "Login" button. | Invalid username and valid password | Error message indicating invalid credentials  should be displayed. | User remains on the login page. |
| TC\_GCED\_UI\_04 | Test login functionality with invalid password | User is on the login page | * Navigate to the login page. * Enter valid username and invalid password. * Click on the "Login"   button. | Valid username and invalid password | Error message indicating invalid credentials  should be displayed. | User remains on the login page. |
| TC\_GCED\_UI\_05 | Verify user profile update functionality | User is logged in | * Navigate to the user profile page. * Edit user profile details. 3. Click on the   "Save" button. | Updated user profile details | User profile should be successfully updated. | User profile details are saved in the system. |
| TC\_GCED\_UI\_06 | Test news  upload functionality | User is logged in | * Navigate to the news upload page. * Click on the "Enroll" button. | News to enroll | User should be  successfully enrolled in the news upload. | User is enrolled in the news upload |
| TC\_GCED\_UI\_08 | News simulation completion tracking | User is logged in | * Navigate to the   simulation completion page. 2. Complete a  simulation. | News simulation | User should get rewards for news reading | User's news reading progress is updated. |
| TC\_GCED\_UI\_10 | Test feedback submission functionality | User is logged in | * Navigate to the feedback submission page. * Submit feedback for a   course. | Feedback details | Feedback should be  successfully submitted. | Feedback is saved in the system. |
| TC\_MI\_P\_11 | Verify logout functionality | User is logged in | * Click on the logout button. | None | User should be logged  out and redirected to the login page. | User is logged out of the system. |
| TC\_GCED\_UI\_12 | Test password reset functionality | User is on the login page | * Click on the "Forgot Password" link. * Enter email address. * Click on the "Submit" button. | Registered email address | Password reset email should be sent to the user's email address. | Password reset email is sent. |
| TC\_GCED\_UI\_13 | Verify news search functionality | User is logged in | * Navigate to the course search page. * Enter course keywords in the search bar. * Click on the "Search"   button. | Course keywords | Relevant news should be displayed based on the search criteria. | User can view relevant news |
| TC\_GCED\_UI\_14 | Test news source tracking functionality | User is logged in | * Navigate to the progress tracking page. * Check progress for   completed courses. | None | Progress for completed courses should be  displayed. | User can view source of news |
| TC\_GCED\_UI\_15 | Verify system navigation functionality | User is logged in | * Navigate through different pages using navigation menu. | None | User should be able to navigate to different pages without errors. | User can navigate through the system without issues. |

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