

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

নৌপরিবহন মন্ত্রণালয়

**ইনল্যান্ড নাবিক প্রশিক্ষণ ও সনদায়ন ম্যানেজমেন্ট সিস্টেম**

টেস্ট রিপোর্ট

**গ্রাহক :**

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার নৌপরিবহন মন্ত্রণালয়

নৌপরিবহন অধিদপ্তর

**প্রস্তুতকারক :**

Dream71 বাংলাদেশ লি.

বাড়ি নং 16 (লেভেল 5) ব্লক এ, বসুন্ধরা আর/এ, ঢাকা 1229

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| --- | --- |
| **Project Name** | Inland Crew Certification Management System |
| **Reference Document** | N/A |
| **Created By** | Dibya Jyoti Dhar |
| **Browser** | Microsoft Edge |
| **Version** | 128.0.2739.63 |
| **Date of Creation** | 25/8/2024 |
| **Review By** | Proma Guha |
| **Date of Review** | 5/9/2024 |

**হোম পেজ**

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| Module | Home Page |
| Pre-Conditions | The user has access to a web browser and the website is accessible |
| Test Case ID | 3001 |
| Test Case | Open Home Page |
| Test Steps | Navigate to the website's URL |
| Test Data | <http://inlandcrew.dos.gov.bd/> |
| Expected Results | Open Home Page |
| Actual Results | Homepage is shown |
| Status | Pass |
| Test Case ID | 3002 |
| Test Case | Verify Page Title |
| Test Steps | Check that the browser tab displays the correct page title |
| Test Data |  |
| Expected Results | The page title should be "ইনল্যান্ড নাবিক প্রশিক্ষণ ও সনদায়ন ম্যানেজমেন্ট সিস্টেম" |
| Actual Results | The page title is "ইনল্যান্ড নাবিক প্রশিক্ষণ ও সনদায়ন ম্যানেজমেন্ট সিস্টেম" |
| Status | Pass |
| Test Case ID | 3003 |
| Test Case | Verify scroll content |
| Test Steps | Check that clicking on scroll content leads to releted news. |
| Test Data |  |
| Expected Results | Open related content description. |
| Actual Results | Not Clickable. |
| Status | Fail |
| Test Case ID | 3004 |
| Test Case | Verify Logo |
| Test Steps | Check that the website logo is present and displayed correctly |
| Test Data |  |
| Expected Results | The logo should be visible in the header section |
| Actual Results | The logo is visible in the header section |
| Status | Pass |
| Test Case ID | 3005 |
| Test Case | Verify Contact Information |
| Test Steps | Check the contact information is present and displayed correctly |
| Test Data |  |
| Expected Results | The contact information should be visible in the header section |
| Actual Results | The contact information is visible in the header section |
| Status | Pass |
| Test Case ID | 3006 |
| Test Case | Verify Banner |
| Test Steps | Check that the home page banner is displayed. |
| Test Data |  |
| Expected Results | The banner should be visible |
| Actual Results | The banner is visible |
| Status | Pass |
| Test Case ID | 3007 |
| Test Case | Verify Main Content Sections |
| Test Steps | Check for the presence of key content sections such as Notice, Exam Schedule, Manual, Tutorial |
| Test Data |  |
| Expected Results | All key content sections should be present and properly formatted. |
| Actual Results | All key content sections are present and properly formatted. |
| Status | Pass |
| Test Case ID | 3008 |
| Test Case | Verify Footer |
| Test Steps | Check that the footer contains expected elements |
| Test Data |  |
| Expected Results | The footer should be complete |
| Actual Results | The footer is complete |
| Status | Pass |
| Test Case ID | 3009 |
| Test Case | Verify Download Buttons |
| Test Steps | Verify that the download buttons in Manual and notice sections are functional. |
| Test Data |  |
| Expected Results | Download buttons in Notice and Manual section works perfectly. |
| Actual Results | Download buttons are working |
| Status | Pass |
| Test Case ID | 3010 |
| Test Case | Verify Links and Buttons |
| Test Steps | Click on all links and buttons on the home page |
| Test Data |  |
| Expected Results | Each link/button should navigate to the correct page or perform the expected action |
| Actual Results | Each link/button are navigating to the correct page or perform the expected action |
| Status | Pass |
| Test Case ID | 3011 |
| Test Case | Verify Page Load Performance |
| Test Steps | Measure the time it takes for the home page to load completely |
| Test Data |  |
| Expected Results | The page should load within an acceptable time frame (e.g., under 3 seconds) |
| Actual Results | The page is loading within an acceptable time frame (under 2 seconds) |
| Status | Pass |

**লগইন পেজ**

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| Module | Login |
| Pre-Conditions | Computer is connected with internet.  Open a browser and go to this address: http://inlandcrew.dos.gov.bd/login |
| Test Case ID | 1001 |
| Test Case | Enter valid ICN and valid PW |
| Test Steps | 1) Enter ICN  2) Enter PW  3) login |
| Test Data | <valid ICN> <valid PW> |
| Expected Results | Successful login |
| Actual Results | Homepage is shown |
| Status | Pass |
| Test Case ID | 1002 |
| Test Case | Enter invalid ICN and valid PW |
| Test Steps | 1) Enter invalid ICN  2) Enter PW  3) login |
| Test Data | <invalid ICN> <valid PW> |
| Expected Results | User should receive an error message indicating that the ICN is not recognized. |
| Actual Results | User received an error message indicating that the ICN is not recognized. |
| Status | Pass |
| Test Case ID | 1003 |
| Test Case | Enter valid ICN and invalid PW |
| Test Steps | 1) Enter ICN  2) Enter invalid PW  3) login |
| Test Data | <valid ICN> <invalid PW> |
| Expected Results | User should receive an error message indicating that the password is incorrect. |
| Actual Results | User received an error message indicating that the ICN and Passwrod are not recognized. |
| Status | Pass |
| Test Case ID | 1004 |
| Test Case | Enter empty ICN and valid PW |
| Test Steps | 1) Enter PW  2) login |
| Test Data | <empty ICN> <valid PW> |
| Expected Results | User should receive an error message indicating that the ICN field is required. |
| Actual Results | User received an error message indicating that the ICN field is required. |
| Status | Pass |
| Test Case ID | 1005 |
| Test Case | Enter valid ICN and empty PW |
| Test Steps | 1) Enter ICN  2) login |
| Test Data | <valid ICN> <empty PW> |
| Expected Results | User should receive an error message indicating that the Password field is required. |
| Actual Results | User should receive an error message indicating that the Password field is required. |
| Status | Pass |
| Test Case ID | 1006 |
| Test Case | Multiple consecutive failed login attempts |
| Test Steps | 1) Enter ICN 2) Enter wrong PW 3) Do this for 10 times |
| Test Data | <valid ICN> <invalid password> X10 |
| Expected Results | System should prevent login attempts during account lockout period and unlock the account after the specified duration, allowing successful login thereafter. |
| Actual Results | User can login after failed attempt |
| Status | Fail |
| Test Case ID | 1007 |
| Test Case | Login with deleted user details |
| Test Steps | 1) Enter deleted ICN 2) Enter valid PW 3) login |
| Test Data | <deleted ICN> <valid PW> |
| Expected Results | User should see that the credential is invalid |
| Actual Results | User received an error message indicating that the ICN is not recognized. |
| Status | Pass |
| Test Case ID | 1008 |
| Test Case | Testing login after the session has expired due to inactivity |
| Test Steps | 1) Enter ICN 2) Enter PW 3) login 4) Wait 1 hour of inactivity |
| Test Data | <valid ICN> <valid PW> |
| Expected Results | User should log out and prompt to login again |
| Actual Results | User redirect to login page and can't do anything but stayed logged in |
| Status | Fail |
| Test Case ID | 1009 |
| Test Case | Entering invalid characters in the username field |
| Test Steps | 1) Enter invalid character in ICN 2) Enter PW 3) login |
| Test Data | <invalid characters> <username field> |
| Expected Results | User should see that the credential is invalid |
| Actual Results | User received an error message indicating that the ICN is not recognized. |
| Status | Pass |
| Test Case ID | 1010 |
| Test Case | Enter ICN with leading or trailing spaces |
| Test Steps | 1) Enter ICN with leading or trailing space 2) Enter PW 3) login |
| Test Data | <ICN with trailing spaces> <valid PW> <ICN with leading spaces> <valid PW> |
| Expected Results | System should trim leading and trailing spaces and process the ICN normally. |
| Actual Results | System should trimmed leading and trailing spaces and process the ICN normally. |
| Status | Pass |
| Test Case ID | 1011 |
| Test Case | Multiple users attempting to log in simultaneously with valid ICNs and passwords. |
| Test Steps | 1) Enter ICN  2) Enter PW  3) login |
| Test Data | <valid ICN> <valid PW> |
| Expected Results | System should handle multiple login attempts concurrently without errors or conflicts. |
| Actual Results | System handled multiple login attempts concurrently without errors or conflicts. |
| Status | Pass |
| Test Case ID | 1012 |
| Test Case | Login with Remember Me Option |
| Test Steps | 1) Enter ICN 2) Enter PW 3) Mark on "Remember Me" Checkbox. 4) Wait 1 hour of inactivity |
| Test Data | <valid ICN> <Valid PW> |
| Expected Results | System should remember the user's session and automatically log them in on subsequent visits without requiring re-authentication until the session expires or is manually terminated. |
| Actual Results | There's No Remember Me Option |
| Status | Block/Skip |
| Test Case ID | 1013 |
| Test Case | Verify Regsiter Button |
| Test Steps | 1) Click "Apply for ICN" Button |
| Test Data |  |
| Expected Results | System should redirect to Registered Page |
| Actual Results | System redirected to Registered Page |
| Status | Pass |
| Test Case ID | 1014 |
| Test Case | Verify Forget Password Button |
| Test Steps | 1) Click "Forget Password" button |
| Test Data |  |
| Expected Results | System should redirect to forget password button |
| Actual Results | System redirected to forget password button |
| Status | Pass |
| Test Case ID | 1015 |
| Test Case | Verify Forget Password with existing mobile number |
| Test Steps | 1) Click Forget PW 2) Enter existing Mobile No 3) submit |
| Test Data | <existing mobile no> |
| Expected Results | System should send OTP to the mobile number |
| Actual Results | System sending OTP to the mobile number |
| Status | Pass |
| Test Case ID | 1016 |
| Test Case | Verify Forget Password with non-existing mobile number |
| Test Steps | 1) Click Forget PW 2) Enter non-existing mobile no 3) submit |
| Test Data | <non-existing mobile no> |
| Expected Results | System should show error that this mobile no doesn't exist in this system |
| Actual Results | System sending OTP to the mobile number |
| Status | Fail |
| Test Case ID | 1017 |
| Test Case | Verify that OTP can be resend in Forget Password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Click Resend OTP button |
| Test Data | <existing mobile no> |
| Expected Results | System should resend OTP |
| Actual Results | Resend OTP button doesn't exist |
| Status | Block/Skip |
| Test Case ID | 1018 |
| Test Case | Verify successful OTP verification in Forget Password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Enter OTP 5) verify |
| Test Data | <existing mobile no> <valid OTP> |
| Expected Results | System redirect to enter new Password page |
| Actual Results | System doesn't go to New password page and shows an error "NID No not found" |
| Status | Fail |
| Test Case ID | 1019 |
| Test Case | Verify successful password reset in Forget Password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Enter OTP 5) verify 6) Enter new strong Password 7) Enter same Password 8) submit |
| Test Data | <existing mobile no> <valid OTP> <new strong password> <same password> |
| Expected Results | System should successfully reset the password and redirect to login page. |
| Actual Results | System doesn't go to New password page |
| Status | Block/Skip |
| Test Case ID | 1020 |
| Test Case | Verify use different password in Confirm password field in Forget Password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Enter OTP 5) verify 6) Enter new Password 7) Enter different Password 8) submit |
| Test Data | <existing mobile no> <valid OTP> <new password> <different password> |
| Expected Results | System should prompt an error that the password doesn't match. |
| Actual Results | System doesn't go to New password page |
| Status | Block/Skip |
| Test Case ID | 1021 |
| Test Case | Verify use easy guessing pasword in Forget Password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Enter OTP 5) verify 6) Enter new easy guessing Password 7) Enter same Password 8) submit |
| Test Data | <existing mobile no> <valid OTP> <easy password> <same password> |
| Expected Results | System should prompt an error that the password is too short. |
| Actual Results | System doesn't go to New password page |
| Status | Block/Skip |
| Test Case ID | 1022 |
| Test Case | Verify use short password in Forget password |
| Test Steps | 1) Click Forget PW 2) Enter existing mobile no 3) submit 4) Enter OTP 5) verify 6) Enter new short Password 7) Enter same Password 8) submit |
| Test Data | <existing mobile no> <valid OTP> <new short password> <same password> |
| Expected Results | System should prompt an error that the password is too short. |
| Actual Results | System doesn't go to New password page |
| Status | Block/Skip |

**রেজিস্ট্রেশন পেজ**

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| Module | Registration |
| Pre-Conditions | Computer is connected with internet. Open a browser and go to this address: http://inlandcrew.dos.gov.bd/registration |
| Test Case ID | 2001 |
| Test Case | Enter Valid NID number, Mobile number, Email Address, Password, Confirm Password, and Birthday matching the NID |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should be successfully registered, and OTPs should be sent to both phone and email. |
| Actual Results | User successfully registered, and OTPs should be sent to both phone and email. |
| Status | Pass |
| Test Case ID | 2002 |
| Test Case | Enter Incorrect format NID number (e.g., incorrect format), valid values for other fields. |
| Test Steps | 1) Enter invalid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <invalid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the NID format is invalid. |
| Actual Results | System goes to OTP verification page and OTP has been sent to mobile. |
| Status | Fail |
| Test Case ID | 2003 |
| Test Case | Enter Incorrect format Mobile number (e.g., incorrect format), valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter invalid formated Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <invalid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the Mobile number format is invalid. |
| Actual Results | User receiving an error message indicating that the Mobile number format is invalid. |
| Status | Pass |
| Test Case ID | 2004 |
| Test Case | Enter Incorrect digits Mobile number (e.g., more or less than 11 digits), valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter invalid digit Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <invalid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the Mobile number must be 11 digits. |
| Actual Results | User receiving an error message indicating that the Mobile number format is invalid. |
| Status | Pass |
| Test Case ID | 2005 |
| Test Case | Enter Incorrect format Email Address (e.g., incorrect format), valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter invalid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <invalid@m> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the Email Address format is invalid. |
| Actual Results | System goes to OTP verification page and OTP has been sent to mobile. |
| Status | Fail |
| Test Case ID | 2006 |
| Test Case | Enter Valid values for all fields but Password and Confirm Password do not match. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter a Password 5) Enter a Different Password 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <different PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the passwords do not match. |
| Actual Results | User receiving an error message indicating that the passwords do not match. Recommended to change te error message. |
| Status | Pass |
| Test Case ID | 2007 |
| Test Case | Enter Weak Password (e.g., too short), valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid digit Mobile No 3) Enter valid Email Address 4)Enter a week Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <week PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the password is too short. |
| Actual Results | User should receive an error message indicating that the password is too short. |
| Status | Pass |
| Test Case ID | 2008 |
| Test Case | Enter Weak Password (e.g., easy to guess), valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid digit Mobile No 3) Enter valid Email Address 4)Enter a week Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <123456789> <123456789> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the password is too weak. |
| Actual Results | System goes to OTP verification page and OTP has been sent to mobile. |
| Status | Fail |
| Test Case ID | 2009 |
| Test Case | Enter Birthday does not match the NID, valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter invalid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <invalid Birth Date> |
| Expected Results | User should receive an error message indicating that the Birthday does not match the NID. |
| Actual Results | System goes to OTP verification page and OTP has been sent to mobile. |
| Status | Fail |
| Test Case ID | 2010 |
| Test Case | Enter Mobile number already registered in the system, valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter already registered Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <already registered Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the Mobile number is already registered. |
| Actual Results | User receiving an error message indicating that the phone no is already exist. Recommended to change te error message. |
| Status | Pass |
| Test Case ID | 2011 |
| Test Case | Enter Email Address already registered in the system, valid values for other fields. |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter already registered Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <already registered Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive an error message indicating that the Email Address is already registered. |
| Actual Results | User receiving an error message indicating that the email is already exist. Recommended to change te error message. |
| Status | Pass |
| Test Case ID | 2012 |
| Test Case | Enter Empty Fields in NID Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid Mobile No 2) Enter valid Email Address 3)Enter Valid Strong Password 4) Enter the password again 5) Enter valid Birth Date 6) register |
| Test Data | <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive error messages indicating that NID No field are required. |
| Actual Results | User receiving error messages indicating that NID No field is required. |
| Status | Pass |
| Test Case ID | 2013 |
| Test Case | Enter Empty Fields in Mobile Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Email Address 3)Enter Valid Strong Password 4) Enter the password again 5) Enter valid Birth Date 6) register |
| Test Data | <valid NID> <valid Email> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | User should receive error messages indicating that Mobile No field are required. |
| Actual Results | User receiving error messages indicating that Mobile No field is required. |
| Status | Pass |
| Test Case ID | 2014 |
| Test Case | Enter Empty Fields in Email Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3)Enter Valid Strong Password 4) Enter the password again 5) Enter valid Birth Date 6) register |
| Test Data | <valid NID> <valid Mobile No> <valid PW> <same PW> <valid Birth Date> |
| Expected Results | As per client requiremnts, submission is allowed without email address. So user will redirect to OTP Page. |
| Actual Results | User redirecting to OTP Page. |
| Status | Pass |
| Test Case ID | 2015 |
| Test Case | Enter Empty Fields in Password Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4) Enter a password 5) Enter valid Birth Date 6) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW in Confirm PW> <valid Birth Date> |
| Expected Results | User should receive error messages indicating that Password field are required. |
| Actual Results | User receiving error messages indicating that Password field is required. |
| Status | Pass |
| Test Case ID | 2016 |
| Test Case | Enter Empty Fields in Confirm Password Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter valid Birth Date 6) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <valid Birth Date> |
| Expected Results | User should receive error messages indicating that Confirm Password field are required. |
| Actual Results | User receiving error messages indicating that Confirm Password field is required. |
| Status | Pass |
| Test Case ID | 2017 |
| Test Case | Enter Empty Fields in Birth Date Field and Fill out other field with valid data |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <valid PW> |
| Expected Results | User should receive error messages indicating that Birth Date field are required. |
| Actual Results | User receiving error messages indicating that Birthdate field is required. Recommended to change the error message. |
| Status | Pass |
| Test Case ID | 2018 |
| Test Case | Empty values for all fields. |
| Test Steps | 1) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <valid PW> <valid Birth Date> |
| Expected Results | User should receive error messages indicating that all fields are required. |
| Actual Results | User receiving error messages indicating that all fields are required. |
| Status | Pass |
| Test Case ID | 2019 |
| Test Case | Registration with Unusual Characters |
| Test Steps | 1) Enter valid NID No in Bangla 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <valid PW> <valid Birth Date> |
| Expected Results | System should handle unusual characters gracefully and provide appropriate validation messages if necessary. |
| Actual Results | Bengali character not accepting |
| Status | Pass |
| Test Case ID | 2020 |
| Test Case | Successful OTP Verification |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register 8) enter valid OTP  9) verify |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> <valid OTP> |
| Expected Results | User should be successfully registered, authenticated and see his details fetched from NID server. |
| Actual Results | User successfully registered, authenticated and see his details fetched from NID server. |
| Status | Pass |
| Test Case ID | 2021 |
| Test Case | Failed OTP Verification |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register 8) enter invalid OTP  9) verify |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> <invalid OTP> |
| Expected Results | User should receive an error message indicating that the OTP verification failed. |
| Actual Results | User receiving an error message indicating that the OTP verification failed. |
| Status | Pass |
| Test Case ID | 2022 |
| Test Case | Expired OTP Verification |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register 8) enter expired OTP  9) verify |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> <expired OTP> |
| Expected Results | User should receive an error message indicating that the OTP is expired. |
| Actual Results | User received an error message indicating that the OTP is invalid. |
| Status | Pass |
| Test Case ID | 2023 |
| Test Case | Succesfull OTP Resend Verification |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register 8) resend OTP 9) Enter OTP 10) Verify |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> <valid new OTP> |
| Expected Results | User should be successfully registered, authenticated and see his details fetched from NID server. |
| Actual Results | A backend error occured |
| Status | Fail |
| Test Case ID | 2024 |
| Test Case | Verify that previous OTP is working after resend OTP is |
| Test Steps | 1) Enter valid NID No. 2) Enter valid Mobile No 3) Enter valid Email Address 4)Enter Valid Strong Password 5) Enter the password again 6) Enter valid Birth Date 7) register 8) resend OTP 9) Enter previous OTP 10) Verify |
| Test Data | <valid NID> <valid Mobile No> <valid Email> <valid PW> <same PW> <valid Birth Date> <valid old OTP> |
| Expected Results | User should receive an error message indicating that the OTP is expired. |
| Actual Results | User received an error message indicating that the OTP is invalid. |
| Status | Pass |

**ডেশবোর্ড**

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| --- | --- |
| Module | Dashboard |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential |
| Test Case ID | 3001 |
| Test Case | Check if Total Application counters are working |
| Test Steps | 1) View the Dashboard |
| Test Data |  |
| Expected Results | Total Application counter should be showing correct information |
| Actual Results | Total Application counter is showing correct information |
| Status | Pass |
| Test Case ID | 3002 |
| Test Case | Check if Pending Application counters are working. |
| Test Steps | 1) View the Dashboard |
| Test Data |  |
| Expected Results | Pending Application counter should be showing correct information |
| Actual Results | Pending Application counter is showing total application number |
| Status | Fail |
| Test Case ID | 3003 |
| Test Case | Check if Solved Application counters are working. |
| Test Steps | 1) View the Dashboard |
| Test Data |  |
| Expected Results | Solved Application counter should be showing correct information |
| Actual Results | Pending Application counter is showing total application number |
| Status | Fail |
| Test Case ID | 3004 |
| Test Case | Check that All Application results showing correct application information |
| Test Steps | 1) View the Dashboard |
| Test Data |  |
| Expected Results | Application number, date & type should be showing correctly |
| Actual Results | Application number, date & type are showing correctly |
| Status | Pass |
| Test Case ID | 3005 |
| Test Case | Check that the application result showing Pending when written is given pass by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give pass in written exam from examiner |
| Test Data | Application: 1st Class Driver Written: Pass |
| Expected Results | The Written exam result will show Pending and oral, eye test will show pending |
| Actual Results | The Written exam result is showing Pending and oral, eye test are showing pending |
| Status | Pass |
| Test Case ID | 3006 |
| Test Case | Check that the application result showing Pending when applicant is marked absent in written exam by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give absent in written exam from examiner |
| Test Data | Application: 1st Class Driver Written: Absent |
| Expected Results | The Written exam result will show Pending and oral, eye test will show pending |
| Actual Results | The written exam result is showing pending but application status canceled. |
| Status | Fail |
| Test Case ID | 3007 |
| Test Case | Check that the application result showing Not Applicable when there's no written exam. |
| Test Steps | 1) Apply for a certificate that doesn't have written test. |
| Test Data | Application: Sukani |
| Expected Results | The Written exam result will show Not Applicable and oral, eye test will show Pending. |
| Actual Results | The Written exam result is showing Not Applicable and oral, eye test are showing Pending. |
| Status | Pass |
| Test Case ID | 3008 |
| Test Case | Check that the application result showing Pending when written is given Fail by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give fail in written exam from examiner |
| Test Data | Application: 1st Class Driver Written: Fail |
| Expected Results | The Written exam result will show Pending and oral, eye test will show Not Applicable |
| Actual Results | The Written exam result is showing Pending and oral, eye test will show Not Applicable |
| Status | Pass |
| Test Case ID | 3009 |
| Test Case | Check that the application result showing Pass when written is given pass by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give pass in written exam from chief examiner |
| Test Data | Application: 1st Class Driver Written: Pass |
| Expected Results | The Written exam result will show Pass and oral, eye test will show pending. |
| Actual Results | The Written exam result is showing Pass and oral, eye test are showing pending. |
| Status | Pass |
| Test Case ID | 3010 |
| Test Case | Check that the application result showing Absent when applicant is marked absent in written exam by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give absent in written exam from chief examiner |
| Test Data | Application: 1st Class Driver Written: Absent |
| Expected Results | The Written exam result will show Absent and oral, eye test will show pending. |
| Actual Results | If examiner gives absent, the application is getting canceled at that point, so chief can't access the application. |
| Status | Fail |
| Test Case ID | 3011 |
| Test Case | Check that the application result showing Fail when written is given Fail by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give fail in written exam from chief examiner |
| Test Data | Application: 1st Class Driver Written: Absent |
| Expected Results | The Written exam result will show Fail and oral, eye test will show pending. |
| Actual Results | The Written exam result is showing Fail and oral, eye test are showing pending. |
| Status | Pass |
| Test Case ID | 3012 |
| Test Case | Check that the application result showing Pending when oral is given pass by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give pass in written exam from examiner |
| Test Data | Application: 1st Class Driver Oral: Pass |
| Expected Results | The Oral exam result will show Pending, Written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing Pending, Written is showing the actual result and eye test is showing pending. |
| Status | Pass |
| Test Case ID | 3013 |
| Test Case | Check that the application result showing Pending when applicant is marked absent in oral exam by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give absent in oral exam from examiner |
| Test Data | Application: 1st Class Driver Oral: Absent |
| Expected Results | The Oral exam result will show Pending, written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing pending but application status canceled. |
| Status | Fail |
| Test Case ID | 3014 |
| Test Case | Check that the application result showing pending when oral is given fail by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give fail in oral exam from examiner |
| Test Data | Application: 1st Class Driver Oral: Fail |
| Expected Results | The Oral exam result will show Pending, Written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing Pending, Written is showing the actual result and eye test is showing pending. |
| Status | Pass |
| Test Case ID | 3015 |
| Test Case | Check that the application result showing Not Applicable when application doesn't require oral exam |
| Test Steps | 1) Apply for a certificate that doesn't have oral test. |
| Test Data | Application: Service Book |
| Expected Results | The Oral exam result will show Not Applicable, written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing Not Applicable, written is showing the actual result and eye test is showing pending. |
| Status | Pass |
| Test Case ID | 3016 |
| Test Case | Check that the application result showing Pass when oral is given pass by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give pass in oral exam from chief examiner |
| Test Data | Application: 1st Class Driver Oral: Pass |
| Expected Results | The Oral exam result will show Pass, written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing Pass, written is showing the actual result and eye test is showing pending. |
| Status | Pass |
| Test Case ID | 3017 |
| Test Case | Check that the application result showing Absent when applicant is marked absent in oral exam by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give Absent in oral exam from chief examiner |
| Test Data | Application: 1st Class Driver Oral: Absent |
| Expected Results | The Oral exam result will show Absent, written will show the actual result and eye test will show pending. |
| Actual Results | If examiner gives absent, the application is getting canceled at that point, so chief can't access the application. |
| Status | Fail |
| Test Case ID | 3018 |
| Test Case | Check that the application result showing Fail when oral is given fail by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give Fail in oral exam from chief examiner |
| Test Data | Application: 1st Class Driver Oral: Fail |
| Expected Results | The Oral exam result will show Absent, written will show the actual result and eye test will show pending. |
| Actual Results | The Oral exam result is showing Fail, written is showing the actual result and eye test is showing pending. |
| Status | Pass |
| Test Case ID | 3019 |
| Test Case | Check that the application result showing Pending when applicant is marked absent in eye test exam by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give Absent in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Absent |
| Expected Results | The Eye exam result will show Pending, written & eye test will show the actual results. |
| Actual Results | The Eye exam result is showing Pending, but application status changed. |
| Status | Fail |
| Test Case ID | 3020 |
| Test Case | Check that the application result showing Pending when Eye is given pass by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give Pass in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Pass |
| Expected Results | The Eye exam result will show Pending, written & eye test will show the actual results. |
| Actual Results | The Eye exam result is showing Pending, written & eye test are showing the actual results. |
| Status | Pass |
| Test Case ID | 3021 |
| Test Case | Check that the application result showing Pending when Eye is given Fail by examiner. |
| Test Steps | 1) Apply for a certificate and take it to the examiner 2) Give Fail in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Fail |
| Expected Results | The Eye exam result will show Pending, written & eye test will show the actual results. |
| Actual Results | The Eye exam result is showing Pending, written & eye test are showing the actual results. |
| Status | Pass |
| Test Case ID | 3022 |
| Test Case | Check that the application result showing Pass when eye test is given pass by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give Pass in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Pass |
| Expected Results | The Eye exam result will show Pass, written & eye test will show the actual results. |
| Actual Results | The Eye exam result is showing Pass, written & eye test are showing the actual results. |
| Status | Pass |
| Test Case ID | 3023 |
| Test Case | Check that the application result showing Absent when applicant is marked absent in eye test exam by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give Absent in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Absent |
| Expected Results | The Eye exam result will show Absent, written & eye test will show the actual results. |
| Actual Results | If examiner gives absent, the chief examiner sees "Provisional Fail". When he try to give absent an error shows " Status the selected status is invalid" |
| Status | Fail |
| Test Case ID | 3024 |
| Test Case | Check that the application result showing Fail when eye test is given pass by chief examiner. |
| Test Steps | 1) Apply for a certificate and take it to the chief examiner 2) Give Fail in eye test exam from examiner |
| Test Data | Application: 1st Class Driver Eye Test: Fail |
| Expected Results | The Eye exam result will show Fail, written & eye test will show the actual results. |
| Actual Results | The Eye exam result is showing Fail, written & eye test are showing the actual results. |
| Status | Pass |
| Test Case ID | 3025 |
| Test Case | Check that the application result showing Not Applicable when application doesn't require Eye test exam |
| Test Steps | 1) Apply for a certificate that doesn't have eye test. |
| Test Data |  |
| Expected Results | The Oral exam result will show Not Applicable, written will show the actual result and eye test will show pending. |
| Actual Results | There's no application available without eye test. So this step is skipped. |
| Status | Block/Skip |
| Test Case ID | 3026 |
| Test Case | Check that Re-sit button is showing if applicant fail and certificate download button is showing if applicant pass. |
| Test Steps | 1) Apply for a certificate and Fail it 2) Apply for a certificate and Pass it 3) Apply for a certificate and Absent it |
| Test Data | Application: 1st Class Driver Written: Fail Application: 1st Class Driver All exam: Pass Application: 1st Class Driver Oral: Absent |
| Expected Results | Re-sit button and Download button should be showing. |
| Actual Results | Re-sit button and Download button are showing if applicant fail and pass. But re-sit button isn't available if applicant is absent |
| Status | Fail |
| Test Case ID | 3027 |
| Test Case | Check that the applications result section's pagination is working or not. |
| Test Steps | 1) Apply for certificates 15 times |
| Test Data |  |
| Expected Results | Application result section has pagination and working perfectly |
| Actual Results | There's no pagination in exam result page. |
| Status | Fail |
| Test Case ID | 3028 |
| Test Case | Check that Application List section showing all information correctly |
| Test Steps | 1) Observe the application list |
| Test Data |  |
| Expected Results | All information in application section should be showing perfectly |
| Actual Results | All information in application section is showing perfectly |
| Status | Pass |
| Test Case ID | 3029 |
| Test Case | Check that the Application section's pagination is working or not |
| Test Steps | 1) Apply for certificates 15 times |
| Test Data |  |
| Expected Results | Application section has pagination and working perfectly |
| Actual Results | Application section has pagination and working perfectly but it's going another page. Recommended to stay in Dashboard |
| Status | Pass |
| Test Case ID | 3030 |
| Test Case | Check that the download button is working when certificate is issued in result section |
| Test Steps | 1) Apply for certificates 2) Passed and got approved from all stakeholders. |
| Test Data |  |
| Expected Results | Download Certificate button should be active and can successfully download certificate |
| Actual Results | Download Certificate button is active and can successfully download certificate |
| Status | Pass |
| Test Case ID | 3031 |
| Test Case | Check that the Re-sit button is working when candidate fail in result section |
| Test Steps | 1) Apply for certificates 2) Fail in an exam 3) Click Re-sit button |
| Test Data | Application: 1st Class Driver |
| Expected Results | Re-sit button should be active and can successfully Resubmit new application certificate |
| Actual Results | Re-sit button is active and can successfully Resubmit new application certificate |
| Status | Pass |
| Test Case ID | 3032 |
| Test Case | Check that the Exam date is showing correctly after approval in applications section |
| Test Steps | 1) Apply for certificates 2) Select a schedule 3) Approved by admin |
| Test Data | Application: 1st Class Driver Schedule: 11 December, 2024 |
| Expected Results | Exam Date should be Showing Correctly |
| Actual Results | Exam Date is Showing Correctly |
| Status | Pass |
| Test Case ID | 3033 |
| Test Case | Check the admit card is showing accurate information |
| Test Steps | 1) Apply for certificates 2) Get an admit card |
| Test Data |  |
| Expected Results | Admit Card should be showing correct information |
| Actual Results | Admit Card is showing correct information. Recommended to format permanent address |
| Status | Pass |
| Test Case ID | 3034 |
| Test Case | Check that all status changes are correctly shown after changing each stage in application section |
| Test Steps | 1) Apply for certificates 2) Go through all stages |
| Test Data |  |
| Expected Results | Status change function should be working accordingly |
| Actual Results | Status change function is working accordingly except when applicant is absent. |
| Status | Fail |
| Test Case ID | 3035 |
| Test Case | Check the Certificate is showing correct information after issuing in appliaction section |
| Test Steps | 1) Apply for certificates 2) Get a certificate |
| Test Data |  |
| Expected Results | Certificate inoformations should be correct |
| Actual Results | Certificate inoformations are correct |
| Status | Pass |
| Test Case ID | 3036 |
| Test Case | Check the payment slip is shown after payment |
| Test Steps | 1) Apply for certificates 2) Paid the application |
| Test Data |  |
| Expected Results | Payment slip should be availbale to download in payment status column |
| Actual Results | Payment slip is availbale to download in payment status column |
| Status | Pass |
| Test Case ID | 3037 |
| Test Case | Check the payment slip is showing correct inoformation |
| Test Steps | 1) Apply for certificates 2) Paid the application 3) View/Download the slip |
| Test Data |  |
| Expected Results | All informations in payment slip should be correct. |
| Actual Results | All informations in payment slip are correct. |
| Status | Pass |

**প্রোফাইল**

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| Module | Profile |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then go to profile. |
| Test Case ID | 4001 |
| Test Case | Check that the profile photo dimensions match with the requirements. |
| Test Steps | 1) Upload a 200px X 600px photo |
| Test Data | <image> |
| Expected Results | Profile photo matches with required dimension before uploading and upload will be blocked if dimension mismatch. |
| Actual Results | Image Uploaded. |
| Status | Fail |
| Test Case ID | 4002 |
| Test Case | Check that the signature photo dimensions match with the requirements. |
| Test Steps | 1) Upload a 300px X 300px signature |
| Test Data | <image> |
| Expected Results | Signature photo matches with required dimension before uploading and upload will be blocked if dimension mismatch. |
| Actual Results | Image Uploaded. |
| Status | Fail |
| Test Case ID | 4003 |
| Test Case | Check that Name which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Name matched with NID Server |
| Actual Results | Name matched with NID Server |
| Status | Pass |
| Test Case ID | 4004 |
| Test Case | Check that Bengali Name which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Bengali name is matched with NID server |
| Actual Results | Bengali name is matched with NID server |
| Status | Pass |
| Test Case ID | 4005 |
| Test Case | Check that Father's Name which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Information should be correct |
| Actual Results | Information is correct |
| Status | Pass |
| Test Case ID | 4006 |
| Test Case | Check that Mother's Name which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Information should be correct |
| Actual Results | Information is correct |
| Status | Pass |
| Test Case ID | 4007 |
| Test Case | Check that NID number which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Information should be correct |
| Actual Results | Information is correct |
| Status | Pass |
| Test Case ID | 4008 |
| Test Case | Check that the birthdate which was fetched from NID server is ok |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | Information should be correct |
| Actual Results | Information is correct |
| Status | Pass |
| Test Case ID | 4009 |
| Test Case | Check that Mobile Number which was given during registration is ok and can be changed later with verification |
| Test Steps | 1) Observe Profile Page 2) Attempt to change phone number |
| Test Data | <phone no> |
| Expected Results | Information is correct and verification is working |
| Actual Results | Information is correct, but it's not changeable. |
| Status | Fail |
| Test Case ID | 4010 |
| Test Case | Check that the email is correct if given during registration, editable and verified. |
| Test Steps | 1) Observe Profile Page 2) Attempt to change phone number |
| Test Data | <email address> |
| Expected Results | Information is correct and verification is working. |
| Actual Results | Information is correct, editable but not verified. |
| Status | Fail |
| Test Case ID | 4011 |
| Test Case | Check that Identification mark is mendatory for profile updating. |
| Test Steps | 1) Observe Profile Page 2) Give Identification Mark |
| Test Data | <identification mark> |
| Expected Results | It should be updating and this field should be mandatory |
| Actual Results | It is updating and this field is mandatory |
| Status | Pass |
| Test Case ID | 4012 |
| Test Case | Check that the permanent address is formated with required field. |
| Test Steps | 1) Observe Profile Page |
| Test Data |  |
| Expected Results | The permanent address field should be formatted |
| Actual Results | The permanent address field is not formatted |
| Status | Fail |
| Test Case ID | 4013 |
| Test Case | Check that present address field is empty, editable and can't be left out empty while submitting. |
| Test Steps | 1) Observe profile page 2) Edit the present address |
| Test Data | <present address> |
| Expected Results | The present addresss field should be empty, have to fill by user and mandatory field |
| Actual Results | The present addresss field is empty, can be filled by user and mandatory field |
| Status | Pass |
| Test Case ID | 4014 |
| Test Case | Check that Courier address field is empty, editable and can't be left out empty while submitting. |
| Test Steps | 1) Observe profile page 2) Edit the courier address |
| Test Data | <courier address> |
| Expected Results | The Courier addresss field should be empty, have to fill by user and mandatory field |
| Actual Results | The Courier addresss field is empty, have to fill by user and mandatory field |
| Status | Pass |
| Test Case ID | 4015 |
| Test Case | Check that Courier contact phone no field is empty, editable and can't be left out empty while submitting. |
| Test Steps | 1) Observe profile page 2) Edit the courier contact person phone number |
| Test Data | <courier contact person number> |
| Expected Results | The Courier contact phone no field is empty, have to fill by user and mandatory field |
| Actual Results | The Courier contact phone no field is empty, have to fill by user but not mandatory field. |
| Status | Fail |
| Test Case ID | 4016 |
| Test Case | Check that check box is mandatory to mark before submitting. |
| Test Steps | 1) Observe profile page 2) Check the check box 3) Uncheck the check box. |
| Test Data |  |
| Expected Results | Can't be submitted without marking the check box |
| Actual Results | Submit button is disabling when it's unchecked. |
| Status | Pass |
| Test Case ID | 4017 |
| Test Case | Check that submission would not be possible without required information |
| Test Steps | 1) Observer Profile Page 2) Leave some vital information 3) submit |
| Test Data |  |
| Expected Results | System will not accept submission without filling out required field |
| Actual Results | System accepting without courier contact person number. |
| Status | Fail |
| Test Case ID | 4018 |
| Test Case | Check that the UI in this page is perfect |
| Test Steps | 1) Observer the UI in Profile Page |
| Test Data |  |
| Expected Results | UI of this page is perfect. |
| Actual Results | Some texts are went under place holders and some texts has beautification issue. |
| Status | Fail |

**এপ্লিকেশন প্রসেস**

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| Module | Apply Application |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then go to Applications. |
| Test Case ID | 5001 |
| Test Case | Check that if applications are showing without profile updating and entering voyage record |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | New application can't be applied before updating profile and voyage record |
| Actual Results | A message shows that user can't apply before updating profile and voyage record. |
| Status | Pass |
| Test Case ID | 5002 |
| Test Case | Check that all type of certification are present there |
| Test Steps | 1) Update Profile 2) Update Voyage Record 3) Observe applications page |
| Test Data |  |
| Expected Results | All type of certifications should be present there. |
| Actual Results | All type of certifications are present there. |
| Status | Pass |
| Test Case ID | 5003 |
| Test Case | Check that all type of applications for each certifications are present there |
| Test Steps | 1) Select a certification 2) Select Dropdown |
| Test Data | <inland CoC & endorsement> |
| Expected Results | All type of applications for each certifications should be present there. |
| Actual Results | All type of applications for each certifications are present there. |
| Status | Pass |
| Test Case ID | 5004 |
| Test Case | Check that all type of documents for each applications are present |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application |
| Test Data | <inland CoC & endorsement> <1st class driver> |
| Expected Results | All type of documents for each applications should be present. |
| Actual Results | All type of documents for each applications are present. |
| Status | Pass |
| Test Case ID | 5005 |
| Test Case | Check that the UI of application form is ok |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application |
| Test Data | <inland CoC & endorsement> <1st class driver> |
| Expected Results | The UI of applications form is ok. |
| Actual Results | Some text box didn't align with other boxes. |
| Status | Fail |
| Test Case ID | 5006 |
| Test Case | Check that file will not uploaded without selecting file |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) select upload button |
| Test Data | <inland CoC & endorsement> <1st class driver> <NID> |
| Expected Results | File will not be uploaded without selecting file. |
| Actual Results | an error message showing that user need to select a file |
| Status | Pass |
| Test Case ID | 5007 |
| Test Case | Check that specific documents need issue date, expiry date and without these, document won't upload |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) select a file which has all these information |
| Test Data | <inland CoC & endorsement> <1st class driver> <safety course> |
| Expected Results | Specific documents need issue date, expiry date and without these, document won't upload. |
| Actual Results | Without these informations upload button wouldn't activate. |
| Status | Pass |
| Test Case ID | 5008 |
| Test Case | Check that documents greater than 500kb can be uploaded |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) select 1.5mb file 5) select upload button |
| Test Data | <inland CoC & endorsement> <1st class driver> <NID> <1.5 MB file> |
| Expected Results | Documents greater than 500kbs can't be uploaded. |
| Actual Results | Document uploaded successfully |
| Status | Fail |
| Test Case ID | 5009 |
| Test Case | Check that expiry date can be given before issue date |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) enter issue date 5) enter expiry date |
| Test Data | <inland CoC & endorsement> <1st class driver> <Safety Course> <9/8/2024> <8/8/2024> |
| Expected Results | Expiry date shouldn't be given before issue date. |
| Actual Results | Expiry date can be entered before issue date by typing. This should be stopped. Recommended restrict users from entering date manually. |
| Status | Fail |
| Test Case ID | 5010 |
| Test Case | Check that numbers and letters can be inserted in Certificate Number field |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) enter Certificate no |
| Test Data | <inland CoC & endorsement> <1st class driver> <Safety Course> <C123456789> |
| Expected Results | Numbers and letters should be inserted in Certificate Number field. |
| Actual Results | Numbers and letters can be inserted in Certificate Number field. |
| Status | Pass |
| Test Case ID | 5011 |
| Test Case | Check that the Next Button is active only if all required files are uploaded |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) Leave some info 5) next |
| Test Data | <inland CoC & endorsement> <1st class driver> <NID> <1234567890> <safety course> <empty> |
| Expected Results | The Next Button should be active only if all required files are uploaded. |
| Actual Results | The Next Button is inactive when some info and docs are missing. |
| Status | Pass |
| Test Case ID | 5012 |
| Test Case | Check that the application can be submitted without marking checkbox. |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) Complete all info 5) next 6) check the checkbox |
| Test Data | <inland CoC & endorsement> <1st class driver> <fill all information and document> <checkbox> |
| Expected Results | The application can't be submitted without marking checkbox. |
| Actual Results | The application can't be submitted without marking checkbox. |
| Status | Pass |
| Test Case ID | 5013 |
| Test Case | Check that the personal information is correctly shown |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) Complete all info 5) next |
| Test Data | <inland CoC & endorsement> <1st class driver> <fill all information and document> |
| Expected Results | The personal informations correctly shown. |
| Actual Results | The personal informations correctly shown. |
| Status | Pass |
| Test Case ID | 5014 |
| Test Case | Check the inland marine engineer (Oral & Eye) can be applied before passing Written test |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select all 4 written exam one by one 4) one exam fail then pass 5) other exams passed 6) apply IME(oral & eye) |
| Test Data | <inland CoC & endorsement> <all written IME exam> <fill all information and document> |
| Expected Results | Inland marine engineer (Oral & Eye) can not be applied before passing Written test |
| Actual Results | Oral and eye certificates are unlocked when 4 written tests are passed. However, if one of the written tests is failed and later passed by re-sit, the oral and eye tests remain locked. |
| Status | Fail |
| Test Case ID | 5015 |
| Test Case | Check that the first application of IME will be assessed and others will go to schedule without assessment |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select IME Written Test 1. 4) Complete assessment 5) Apply again for Written Test 2 |
| Test Data | <inland CoC & endorsement> <IME motor engineering> <IME engineering drawing> |
| Expected Results | The first application of IME will be assessed and others will go to schedule without assessment. |
| Actual Results | All applications are going to assessment |
| Status | Fail |
| Test Case ID | 5016 |
| Test Case | Verify that applicant apply in past schedule or not |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) Complete assessment 5) Go to schedule |
| Test Data | <inland CoC & endorsement> <Karnaphuli Endorsement> <2 September, 2024> |
| Expected Results | Applicant can't apply to past exam schedule |
| Actual Results | Applicant can apply in past exam schedule |
| Status | Fail |
| Test Case ID | 5017 |
| Test Case | Verify that applicant apply after application closing date or not |
| Test Steps | 1) Select a certification 2) Select Dropdown 3) Select an application 4) Complete assessment 5) Go to schedule |
| Test Data | <inland CoC & endorsement> <Karnaphuli Endorsement> <2 September, 2024> |
| Expected Results | Applicant can't apply after passing application closing date |
| Actual Results | Applicant can apply after passing application closing date |
| Status | Fail |

**ভিউ এপ্লিকেশন**

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| Module | View Application |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then apply for an application. Then view it. |
| Test Case ID | 6001 |
| Test Case | Check that the Status is showing correctly |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Status should be showing correctly |
| Actual Results | Status is showing correctly |
| Status | Pass |
| Test Case ID | 6002 |
| Test Case | Check that the informations are showing correctly |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Informations should be showing correctly |
| Actual Results | Informations are showing correctly |
| Status | Pass |
| Test Case ID | 6003 |
| Test Case | Check that the Payment system is correctly showing |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Payment system is correctly showing |
| Actual Results | Payment system is correctly showing |
| Status | Pass |
| Test Case ID | 6004 |
| Test Case | Check that the all informations given during submission are correct. |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | All informations given during submission are correct. |
| Actual Results | Certificate no isn't showing. |
| Status | Fail |
| Test Case ID | 6005 |
| Test Case | Check the documents given during submission can be viewed correctly |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Documents are given during submission can be viewed correctly |
| Actual Results | Documents are given during submission is viewing correctly |
| Status | Pass |
| Test Case ID | 6006 |
| Test Case | Check the documents given during submission can be downloaded correctly |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Documents are given during submission can be downloaded correctly |
| Actual Results | Documents are given during submission is downloading correctly |
| Status | Pass |
| Test Case ID | 6007 |
| Test Case | Check the experience is matched with each application requirment |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Experience list is matched with each application requirment |
| Actual Results | No experience is showing in all IME applications. |
| Status | Fail |
| Test Case ID | 6008 |
| Test Case | Check the voyage record showing correctly |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Voyage record should be showing correctly |
| Actual Results | Voyage record is showing correctly |
| Status | Pass |
| Test Case ID | 6009 |
| Test Case | Check that the chatbox is showing all message sequentially |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | The chatbox is showing all message sequentially |
| Actual Results | examiner, chief examiner, certificate operator and dg's comment showing before application operator and approver |
| Status | Fail |
| Test Case ID | 6010 |
| Test Case | Check that Applicant can comment only when the application is in applicant's end |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Applicant can comment only when the application is in applicant's end |
| Actual Results | Applicant can comment only when the application is in applicant's end |
| Status | Pass |
| Test Case ID | 6011 |
| Test Case | Check that all payment of each applications are correct |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | All payment of each applications are correct |
| Actual Results | All payment of each applications are correct but re-sit of eye test fee isn't correct |
| Status | Fail |
| Test Case ID | 6012 |
| Test Case | Overall UI |
| Test Steps | 1) Observe the page |
| Test Data |  |
| Expected Results | Overall UI is acceptable |
| Actual Results | Overall UI is acceptable |
| Status | Pass |

**পেমেন্ট**

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| Module | Payment |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then apply for an application. Then pay for it from view. |
| Test Case ID | 7001 |
| Test Case | Verify correct informations mentioned on the pricing page in Payment gateway clearly. |
| Test Steps | 1) Observe the Payment page |
| Test Data |  |
| Expected Results | All informations should be correct |
| Actual Results | All informations are correct |
| Status | Pass |
| Test Case ID | 7002 |
| Test Case | Verify spelling for the content on the pricing page are correct or not |
| Test Steps | 1) Observe the Payment page |
| Test Data |  |
| Expected Results | Pricings should be correct |
| Actual Results | Pricings are correct |
| Status | Pass |
| Test Case ID | 7003 |
| Test Case | Verify as the applicant paid the fee, the payment status should be updated to paid without any issue. |
| Test Steps | 1) Observe the Payment page |
| Test Data |  |
| Expected Results | Shouldn't cause any issue. |
| Actual Results | Didn't cause any issue |
| Status | Pass |
| Test Case ID | 7004 |
| Test Case | Verify invoice generated on the payment of fee is accissible to user or not. |
| Test Steps | 1) Observe the dashboard |
| Test Data |  |
| Expected Results | Should be accessible for user |
| Actual Results | is accessible for user |
| Status | Pass |
| Test Case ID | 7005 |
| Test Case | Generated invoice can be sent to email. |
| Test Steps | 1) Observe the dashboard 2) Observe Email |
| Test Data |  |
| Expected Results | should sent the invoice to the mail. |
| Actual Results | Didn't send the invoice. |
| Status | Pass |
| Test Case ID | 7006 |
| Test Case | Verify applicant can download the invoice or not. |
| Test Steps | 1) Observe the dashboard |
| Test Data |  |
| Expected Results | Applicant can download |
| Actual Results | Applicant can download using print command |
| Status | Pass |

**পরীক্ষার সময়সূচী**

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| Module | Exam Schedule |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then go to schedule. |
| Test Case ID | 8001 |
| Test Case | Verify every schedule is there |
| Test Steps | 1) Observe the schedule |
| Test Data |  |
| Expected Results | Every schedule should be uploaded |
| Actual Results | Every schedule is uploaded |
| Status | Pass |
| Test Case ID | 8002 |
| Test Case | Verify total seat is correct |
| Test Steps | 1) Observe the schedule |
| Test Data |  |
| Expected Results | Total seat should be correct |
| Actual Results | Total seat is correct |
| Status | Pass |
| Test Case ID | 8003 |
| Test Case | Verify booked seat is correct |
| Test Steps | 1) Observe the schedule |
| Test Data |  |
| Expected Results | Booked seat should be correct |
| Actual Results | Booked seat is correct |
| Status | Pass |
| Test Case ID | 8004 |
| Test Case | Verify remaining seat is correct |
| Test Steps | 1) Observe the schedule |
| Test Data |  |
| Expected Results | Remaining seat should be correct |
| Actual Results | Remaining seat is correct |
| Status | Pass |
| Test Case ID | 8005 |
| Test Case | Verify pagination worked correctly |
| Test Steps | 1) Observe the schedule |
| Test Data |  |
| Expected Results | Pagination should be working correctly |
| Actual Results | Pagination is working correctly |
| Status | Pass |

**ভয়েজ রেকর্ড**

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| Module | Voyage Record |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then go to voyage record. |
| Test Case ID | 9001 |
| Test Case | Verify that every voyage record information is correctly showing |
| Test Steps | 1) Observe voyage record. |
| Test Data |  |
| Expected Results | Every voyage record information should be showing correctly |
| Actual Results | Every voyage record information is showing correctly |
| Status | Pass |
| Test Case ID | 9002 |
| Test Case | Verify that the M number is searchable in Bengali numbers |
| Test Steps | 1) Go to Voyage Record 2) Click Add button 3) Click M number |
| Test Data | <১০৩৭৩> |
| Expected Results | M number can be searchable using Bengali numbers |
| Actual Results | M number is searchable using Bengali numbers |
| Status | Pass |
| Test Case ID | 9003 |
| Test Case | Verify that the M number is searchable in English numbers |
| Test Steps | 1) Go to Voyage Record 2) Click Add button 3) Click M number |
| Test Data | <10373> |
| Expected Results | M number can be searchable using English numbers |
| Actual Results | M number is not searchable using Bengali numbers |
| Status | Fail |
| Test Case ID | 9004 |
| Test Case | Verify that the correct vessel name is showing after selecting M number |
| Test Steps | 1) Go to Voyage Record 2) Click Add button 3) Click M number |
| Test Data | <10373> |
| Expected Results | Correct vessel name should be showing after selecting M number |
| Actual Results | Correct vessel name is showing after selecting M number |
| Status | Pass |
| Test Case ID | 9005 |
| Test Case | Verify that the expiry date can be given before issue date |
| Test Steps | 1) Go to Voyage Record 2) Click Add button 3) Select M number 4) Select start date 5) Select end date |
| Test Data | <10373> <9/8/2024> <8/8/2024> |
| Expected Results | Expiry date can't be given before issue date |
| Actual Results | Expiry date can be given before issue date by manual typing. Recommendate to restrict user from maually input date. |
| Status | Fail |
| Test Case ID | 9006 |
| Test Case | Verify that the system accepts submission without document or not |
| Test Steps | 1) Go to Voyage Record 2) Click Add button 3) Select M number 4) Select start date 5) Select end date |
| Test Data | <10373> <9/8/2024> <10/8/2024> |
| Expected Results | Submission won't work without providing document |
| Actual Results | Taking submission |
| Status | Fail |
| Test Case ID | 9007 |
| Test Case | Verify that the information in the table showing correct data |
| Test Steps | 1) Add voyage record page |
| Test Data |  |
| Expected Results | The informations in the table are correct |
| Actual Results | M-Number showing serial number |
| Status | Fail |
| Test Case ID | 9008 |
| Test Case | Verify that voyage can be added before finishing an existing voyage |
| Test Steps | 1) Go to voyage record 2) Add a voyage without end date 3) Add another voyage |
| Test Data |  |
| Expected Results | Voyage can not be added before finishing an existing voyage |
| Actual Results | An error showing that asks user to complete previous voyage record |
| Status | Pass |
| Test Case ID | 9009 |
| Test Case | Verify that voyage can be added in same date with another voyage |
| Test Steps | 1) Go to voyage record 2) Add a voyage  3) Add another voyage with same date |
| Test Data |  |
| Expected Results | New voyage can't be added if date match with an existing voyage |
| Actual Results | Voyage added |
| Status | Fail |
| Test Case ID | 9010 |
| Test Case | Verify that voyage can be added in between an existing voyage start & end date |
| Test Steps | 1) Go to voyage record 2) Add a voyage  3) Add another voyage in between 1st voyage's date |
| Test Data |  |
| Expected Results | New voyage can't be added in between the start and end date of an existing voyage |
| Actual Results | voyage added |
| Status | Fail |

**রিসেট পাসওয়ার্ড**

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| Module | Reset Password |
| Pre-Conditions | Open the browser and go to this address:http://inlandcrew.dos.gov.bd/login, then login with valid credential. Then go to profile settings |
| Test Case ID | 10001 |
| Test Case | Verify that users can access the reset password section from settings. |
| Test Steps | 1. Go to the profile settings page. 2. Locate and click on the "Change Password" or "Reset Password" link/button. |
| Test Data |  |
| Expected Results | User should be directed to the reset password section or page. |
| Actual Results | User is directed to the reset password section or page. |
| Status | Pass |
| Test Case ID | 10002 |
| Test Case | Verify that users can access the reset password section from Menu. |
| Test Steps | 1. Select Password Change |
| Test Data |  |
| Expected Results | User should be directed to the reset password section or page. |
| Actual Results | User is directed to the reset password section or page. |
| Status | Pass |
| Test Case ID | 10003 |
| Test Case | Verify that the user can successfully change their password when providing a valid current password and a new password that meets security requirements. |
| Test Steps | 1. Enter the current password. 2. Enter a new password that meets the system’s security requirements. 3. Confirm the new password by entering it again. 4. Click the "Save Changes" or "Update Password" button. |
| Test Data | <old password> <new password> <confirm password> |
| Expected Results | Password is successfully changed, and the user receives a confirmation message. |
| Actual Results | There's no old password option. So it's a security risk that anyone can change password if id already logged in |
| Status | Fail |
| Test Case ID | 10004 |
| Test Case | Verify that the system displays an error when the current password entered is incorrect. |
| Test Steps | 1. Enter an incorrect current password. 2. Enter a valid new password and confirm it. 3. Click the "Save Changes" or "Update Password" button. |
| Test Data | <wrong old password> <new password> <confirm password> |
| Expected Results | An error message is displayed indicating that the current password is incorrect. |
| Actual Results | There's no old password option. So it's a security risk that anyone can change password if id already logged in |
| Status | Fail |
| Test Case ID | 10005 |
| Test Case | Verify that the system prompts the user if the new password does not meet the security requirements. |
| Test Steps | 1. Enter the current password correctly. 2. Enter a new password that does not meet the security requirements (e.g., too short, lacks special characters). 3. Confirm the new password. 4. Click the "Save Changes" or "Update Password" button. |
| Test Data | <new weak password> <same password> |
| Expected Results | An error message is displayed indicating that the new password does not meet security requirements. |
| Actual Results | Password reset done |
| Status | Fail |
| Test Case ID | 10006 |
| Test Case | Verify that the system displays an error when the new password and the confirmation password do not match. |
| Test Steps | 1. Enter the current password. 2. Enter a new password in the "New Password" field. 3. Enter a different password in the "Confirm Password" field. 4. Click the "Save Changes" or "Update Password" button. |
| Test Data | <new password> <different password> |
| Expected Results | An error message should be displayed indicating that the passwords do not match. |
| Actual Results | An error message is displaying indicating that the passwords do not match. |
| Status | Pass |
| Test Case ID | 10007 |
| Test Case | Verify that the system prompts the user if any of the password fields are left empty. |
| Test Steps | 1. Leave the current password, new password, or confirmation password field empty. 2. Click the "Save Changes" or "Update Password" button. |
| Test Data |  |
| Expected Results | An error message should be displayed indicating that all fields are required. |
| Actual Results | An error message is displaying indicating that all fields are required. |
| Status | Pass |
| Test Case ID | 10008 |
| Test Case | Verify that the user receives a notification confirming the password change. |
| Test Steps | 1. Complete the password change process. 2. Check for a notification or message confirming the successful password update. |
| Test Data | <new strong password> <same password> |
| Expected Results | User should receive a notification confirming that their password has been changed successfully. |
| Actual Results | User receives a notification confirming that their password has been changed successfully. |
| Status | Pass |
| Test Case ID | 10009 |
| Test Case | Verify that the user is logged out from all sessions after changing the password |
| Test Steps | 1. Change the password. 2. Try accessing the application from another session or device using the old password. |
| Test Data |  |
| Expected Results | User is required to log in again with the new password, and the old password is no longer valid. |
| Actual Results | User is required to log in again with the new password, and the old password is no longer valid. |
| Status | Pass |
| Test Case ID | 10010 |
| Test Case | Verify that the user can log in with the new password after successfully changing it. |
| Test Steps | 1. Log out of the application. 2. Attempt to log in using the new password. |
| Test Data |  |
| Expected Results | User is successfully logged in with the new password. |
| Actual Results | User is successfully logged in with the new password. |
| Status | Pass |
| Test Case ID | 10011 |
| Test Case | Verify that the old password is no longer valid after a successful password change. |
| Test Steps | 1. Change the password. 2. Attempt to log in with the old password. |
| Test Data |  |
| Expected Results | Login attempt with the old password fails, and an error message is displayed. |
| Actual Results | Login attempt with the old password fails, and an error message is displayed. |
| Status | Pass |