# CHMSU Academic Program Application and Screening Management System – Test Cases

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| Test Case ID | Test Scenario | Pre-conditions | Test Steps | Test Data | Expected Result | Actual Result | Pass/  Fail |
| TC-001 | New applicant registration | User is on registration page | Fill in all fields and click 'Register' | First Name, Last Name, Email, Applicant Type | Account created, credentials sent via email |  |  |
| TC-002 | Registration with missing fields | User is on registration page | Leave one field blank and click submit | Missing Email | Error message displayed, no account created |  |  |
| TC-003 | Duplicate email registration | Email already exists | Enter the same email again | Existing Email | System displays 'Email already registered' message |  |  |
| TC-004 | Invalid email format | User is on registration page | Enter incorrect email format and click Register | ash123@ | System displays 'Invalid email format' |  |  |
| TC-005 | Registration with all valid inputs | System is online | Enter valid applicant details | Complete user info | Registration successful, confirmation email sent |  |  |
| TC-006 | Successful login | Registered account exists | Enter valid email and password, click Login | Valid credentials | Redirected to dashboard |  |  |
| TC-007 | Login with wrong password | User account exists | Enter valid email, wrong password | Invalid password | Error 'Incorrect password' shown |  |  |
| TC-008 | Login with unregistered email | User not yet registered | Enter unregistered email | unknown@email.com | Error 'Account not found' displayed |  |  |
| TC-009 | Empty login fields | Login page open | Click Login without entering credentials | Blank fields | System prompts user to fill required fields |  |  |
| TC-010 | Password visibility toggle | Login page open | Click eye icon on password field | Password field | Password becomes visible |  |  |
| TC-011 | Step 1 - Personal info save | User logged in | Fill and click 'Save and Continue' | Personal info fields | Data saved, proceed to Step 2 |  |  |
| TC-012 | Step 1 - Missing required fields | User in Step 1 | Leave one field empty and save | Missing last name | Error 'Required field missing' |  |  |
| TC-013 | Step 2 - Educational background | User in Step 2 | Enter school info and continue | School, Strand | Data saved, proceed to Step 3 |  |  |
| TC-014 | Step 3 - Campus & College selection | User in Step 3 | Select campus and college | Campus photo button, college logo | Selection saved |  |  |
| TC-015 | Step 4 - Document upload validation | User in Step 4 | Upload incomplete files | Missing report card | System prompts for missing files |  |  |
| TC-016 | Step 5 - Review and confirm | User in Step 5 | Click confirm after checking details | Confirmed data | Profile locked and ready for review |  |  |
| TC-017 | Return to previous step | User in Step 3 | Click Back to Step 2 | Navigation action | System returns to Step 2 with saved data |  |  |
| TC-018 | Session saving test | Session active | Logout and log back in | Saved data | User resumes at last completed step |  |  |
| TC-019 | Upload Grade 11 1st Sem Card | User in Step 4 | Select file and click Upload | Valid PDF file | File uploaded successfully |  |  |
| TC-020 | Invalid file type upload | User in Step 4 | Try uploading .exe file | file.exe | Error 'Invalid file format' |  |  |
| TC-021 | Upload multiple files | User in Step 4 | Attach multiple files in additional uploads | Multiple PDFs | All files uploaded |  |  |
| TC-022 | Missing optional file | User in Step 4 | Skip optional file upload | No file for NCII | System allows continuation |  |  |
| TC-023 | Create new exam version | Admin logged in | Enter exam details and click Create | Exam Title, Year | New exam version added |  |  |
| TC-024 | Edit exam questions | Exam version exists | Modify question and click Save | Updated question text | Changes saved successfully |  |  |
| TC-025 | Publish exam version | Exam exists | Select and mark as Published | Exam version 2025 | Exam visible to applicants |  |  |
| TC-026 | Unpublish exam version | Published exam exists | Click Unpublish | Published exam | Exam hidden from applicants |  |  |
| TC-027 | Randomize questions | Exam version created | Enable randomize toggle | Randomize=True | Exam displays randomized question order |  |  |
| TC-028 | Applicant starts exam | Exam published | Click 'Start Exam' | Exam code 2025 | Exam timer begins |  |  |
| TC-029 | Auto-submit after timeout | Timer running | Let time expire | Time=0 | Exam auto-submitted |  |  |
| TC-030 | Manual submission | Exam ongoing | Click Submit before time ends | Partial answers | Answers saved, confirmation shown |  |  |
| TC-031 | View exam result | Exam completed | Click View Result | Exam score | Score displayed correctly |  |  |
| TC-032 | Add new interviewer | Chairperson logged in | Enter name and assign program | Name, Program | Interviewer added successfully |  |  |
| TC-033 | Edit interviewer details | Interviewer exists | Change info and save | Updated contact | Changes reflected |  |  |
| TC-034 | Delete interviewer | Interviewer record exists | Click Delete | Interviewer ID | Record removed from list |  |  |
| TC-035 | Duplicate interviewer prevention | Same name exists | Try adding same interviewer twice | Duplicate entry | System displays 'Already exists' warning |  |  |
| TC-036 | Start interview evaluation | Applicant assigned | Open form and input scores | Criteria ratings | Evaluation saved successfully |  |  |
| TC-037 | Missing evaluation field | Evaluation form open | Leave one rating blank | Missing score | System prompts to fill all fields |  |  |
| TC-038 | View evaluation results | Evaluation completed | Open applicant evaluation record | Applicant ID | Displays all criteria with scores |  |  |
| TC-039 | Edit submitted evaluation | Evaluation exists | Click Edit and modify scores | Updated rating | Changes saved successfully |  |  |
| TC-040 | Input stanine score | Applicant has exam result | Admin inputs stanine value | Stanine=7 | Score saved and displayed |  |  |
| TC-041 | Invalid stanine value | Admin inputting data | Enter stanine above 9 | Stanine=12 | Error 'Invalid range' |  |  |
| TC-042 | Update stanine score | Existing stanine record | Edit and save new value | Stanine=6 | Record updated successfully |  |  |
| TC-043 | Auto-calculated eligibility | Stanine entered | Save record | Stanine=8 | Applicant marked eligible |  |  |
| TC-044 | Input plus factor based on strand | Applicant SHS info available | Assign points for strand match | ICT Strand | Plus points recorded |  |  |
| TC-045 | Missing strand info | Applicant record incomplete | Try assigning plus factor | No strand data | System warns 'No strand info' |  |  |
| TC-046 | Edit plus factor score | Existing record | Modify plus points | Change +3 to +5 | Value updated successfully |  |  |
| TC-047 | Calculate total rating | All scores recorded | System computes total | Stanine + Interview + Plus | Final rating displayed accurately |  |  |
| TC-048 | Generate applicant list per campus | Admin logged in | Select campus and click Generate | Talisay Campus | Report generated |  |  |
| TC-049 | Generate list per program | Admin logged in | Choose BSIS program | BSIS | Program report shown |  |  |
| TC-050 | Export report to PDF | Report generated | Click Export to PDF | Generated report | PDF file downloaded |  |  |
| TC-051 | Invalid report filter | Admin on report page | Leave filter blank and click Generate | No selection | Error 'Please select filter' displayed |  |  |
| TC-052 | Generate date range report | Applicants exist | Select date range and click Generate | 01/01–01/31 | Displays correct applicants within range |  |  |
| TC-053 | Empty result handling | No applicants in range | Generate report | Invalid date range | System displays 'No records found' |  |  |
| TC-054 | Applicant logs out | User logged in | Click Logout | Active session | Redirected to login page |  |  |
| TC-055 | Session timeout | User idle for long period | Wait for timeout | Inactive session | System logs out automatically |  |  |
| TC-056 | Change password feature | User logged in | Go to settings and update password | Old + New password | Password updated successfully |  |  |
| TC-057 | Forgot password request | User forgot password | Click 'Forgot Password' | Registered email | Reset link sent |  |  |
| TC-058 | Admin deletes applicant | Applicant exists | Click Delete | Applicant ID | Record removed from database |  |  |
| TC-059 | Chairperson views program applicants | Chairperson logged in | Open applicant list page | Program=BSIT | List of BSIT applicants displayed |  |  |
| TC-060 | Final admission approval | Applicant completed all steps | Chairperson clicks Approve | Eligible applicant | Admission status changed to 'Accepted' |  |  |
| TC-061 | Applicant Registration - Additional validation test 1 | Applicant Registration module accessible | Perform scenario 1 test in applicant registration | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-062 | Applicant Registration - Additional validation test 2 | Applicant Registration module accessible | Perform scenario 2 test in applicant registration | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-063 | Applicant Registration - Additional validation test 3 | Applicant Registration module accessible | Perform scenario 3 test in applicant registration | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-064 | Applicant Registration - Additional validation test 4 | Applicant Registration module accessible | Perform scenario 4 test in applicant registration | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-065 | Applicant Registration - Additional validation test 5 | Applicant Registration module accessible | Perform scenario 5 test in applicant registration | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-066 | Log In - Additional validation test 1 | Log In module accessible | Perform scenario 1 test in log in | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-067 | Log In - Additional validation test 2 | Log In module accessible | Perform scenario 2 test in log in | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-068 | Log In - Additional validation test 3 | Log In module accessible | Perform scenario 3 test in log in | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-069 | Log In - Additional validation test 4 | Log In module accessible | Perform scenario 4 test in log in | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-070 | Log In - Additional validation test 5 | Log In module accessible | Perform scenario 5 test in log in | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-071 | Applicant Profiling (Steps 1–5) - Additional validation test 1 | Applicant Profiling (Steps 1–5) module accessible | Perform scenario 1 test in applicant profiling (steps 1–5) | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-072 | Applicant Profiling (Steps 1–5) - Additional validation test 2 | Applicant Profiling (Steps 1–5) module accessible | Perform scenario 2 test in applicant profiling (steps 1–5) | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-073 | Applicant Profiling (Steps 1–5) - Additional validation test 3 | Applicant Profiling (Steps 1–5) module accessible | Perform scenario 3 test in applicant profiling (steps 1–5) | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-074 | Applicant Profiling (Steps 1–5) - Additional validation test 4 | Applicant Profiling (Steps 1–5) module accessible | Perform scenario 4 test in applicant profiling (steps 1–5) | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-075 | Applicant Profiling (Steps 1–5) - Additional validation test 5 | Applicant Profiling (Steps 1–5) module accessible | Perform scenario 5 test in applicant profiling (steps 1–5) | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-076 | Document Upload - Additional validation test 1 | Document Upload module accessible | Perform scenario 1 test in document upload | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-077 | Document Upload - Additional validation test 2 | Document Upload module accessible | Perform scenario 2 test in document upload | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-078 | Document Upload - Additional validation test 3 | Document Upload module accessible | Perform scenario 3 test in document upload | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-079 | Document Upload - Additional validation test 4 | Document Upload module accessible | Perform scenario 4 test in document upload | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-080 | Document Upload - Additional validation test 5 | Document Upload module accessible | Perform scenario 5 test in document upload | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-081 | Exam Management - Additional validation test 1 | Exam Management module accessible | Perform scenario 1 test in exam management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-082 | Exam Management - Additional validation test 2 | Exam Management module accessible | Perform scenario 2 test in exam management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-083 | Exam Management - Additional validation test 3 | Exam Management module accessible | Perform scenario 3 test in exam management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-084 | Exam Management - Additional validation test 4 | Exam Management module accessible | Perform scenario 4 test in exam management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-085 | Exam Management - Additional validation test 5 | Exam Management module accessible | Perform scenario 5 test in exam management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-086 | Entrance Exam - Additional validation test 1 | Entrance Exam module accessible | Perform scenario 1 test in entrance exam | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-087 | Entrance Exam - Additional validation test 2 | Entrance Exam module accessible | Perform scenario 2 test in entrance exam | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-088 | Entrance Exam - Additional validation test 3 | Entrance Exam module accessible | Perform scenario 3 test in entrance exam | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-089 | Entrance Exam - Additional validation test 4 | Entrance Exam module accessible | Perform scenario 4 test in entrance exam | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-090 | Entrance Exam - Additional validation test 5 | Entrance Exam module accessible | Perform scenario 5 test in entrance exam | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-091 | Interviewer Management - Additional validation test 1 | Interviewer Management module accessible | Perform scenario 1 test in interviewer management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-092 | Interviewer Management - Additional validation test 2 | Interviewer Management module accessible | Perform scenario 2 test in interviewer management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-093 | Interviewer Management - Additional validation test 3 | Interviewer Management module accessible | Perform scenario 3 test in interviewer management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-094 | Interviewer Management - Additional validation test 4 | Interviewer Management module accessible | Perform scenario 4 test in interviewer management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-095 | Interviewer Management - Additional validation test 5 | Interviewer Management module accessible | Perform scenario 5 test in interviewer management | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-096 | Interview Evaluation - Additional validation test 1 | Interview Evaluation module accessible | Perform scenario 1 test in interview evaluation | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-097 | Interview Evaluation - Additional validation test 2 | Interview Evaluation module accessible | Perform scenario 2 test in interview evaluation | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-098 | Interview Evaluation - Additional validation test 3 | Interview Evaluation module accessible | Perform scenario 3 test in interview evaluation | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-099 | Interview Evaluation - Additional validation test 4 | Interview Evaluation module accessible | Perform scenario 4 test in interview evaluation | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-100 | Interview Evaluation - Additional validation test 5 | Interview Evaluation module accessible | Perform scenario 5 test in interview evaluation | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-101 | Stanine Input - Additional validation test 1 | Stanine Input module accessible | Perform scenario 1 test in stanine input | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-102 | Stanine Input - Additional validation test 2 | Stanine Input module accessible | Perform scenario 2 test in stanine input | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-103 | Stanine Input - Additional validation test 3 | Stanine Input module accessible | Perform scenario 3 test in stanine input | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-104 | Stanine Input - Additional validation test 4 | Stanine Input module accessible | Perform scenario 4 test in stanine input | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-105 | Stanine Input - Additional validation test 5 | Stanine Input module accessible | Perform scenario 5 test in stanine input | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-106 | Plus Factors - Additional validation test 1 | Plus Factors module accessible | Perform scenario 1 test in plus factors | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-107 | Plus Factors - Additional validation test 2 | Plus Factors module accessible | Perform scenario 2 test in plus factors | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-108 | Plus Factors - Additional validation test 3 | Plus Factors module accessible | Perform scenario 3 test in plus factors | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-109 | Plus Factors - Additional validation test 4 | Plus Factors module accessible | Perform scenario 4 test in plus factors | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-110 | Plus Factors - Additional validation test 5 | Plus Factors module accessible | Perform scenario 5 test in plus factors | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-111 | Reporting - Additional validation test 1 | Reporting module accessible | Perform scenario 1 test in reporting | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-112 | Reporting - Additional validation test 2 | Reporting module accessible | Perform scenario 2 test in reporting | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-113 | Reporting - Additional validation test 3 | Reporting module accessible | Perform scenario 3 test in reporting | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-114 | Reporting - Additional validation test 4 | Reporting module accessible | Perform scenario 4 test in reporting | Relevant form input data | System functions correctly without unexpected behavior |  |  |
| TC-115 | Reporting - Additional validation test 5 | Reporting module accessible | Perform scenario 5 test in reporting | Relevant form input data | System functions correctly without unexpected behavior |  |  |