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DETAILED UAT PROCEDURES - HR AI Certification Portal

Complete User Acceptance Testing Guide

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USER STORY: REGISTRATION & AUTHENTICATION (US-001)

Hungarian: Mint leendő tag, szeretnék egy egyszerű regisztrációs oldalt használni, amely mögött törzsadat kezelő van, hogy belépési adatokkal (jelszóemlékeztetővel) ellátott fiókom legyen.

TEST 1.1: Registration Page Accessibility

Test ID: UAT-001-001

Objective: Verify registration page is accessible and properly displays form





Preconditions:

- Browser open (Chrome/Firefox/Safari)
- No user logged in
- Application URL available

Steps:

1. Navigate to application home page
2. Click "Register" or "Get Started" button
3. Wait for page to load
4. Verify URL changes to [/register](#)
5. Check form elements load: Email, Password, Confirm Password, Full Name
6. Verify Submit and Login link are visible

Expected Results:

-  Registration page loads within 3 seconds
-  All form fields visible and properly labeled
-  Submit button is enabled
-  "Already have an account?" link with Login option present

Pass Criteria: All expected results achieved

TEST 1.2: Registration Form Validation

Test ID: UAT-001-002

Objective: Verify form validation for all fields

Test Cases:

Case A: Empty Form Submission

- Click Submit without entering data
- Expected: Error messages for all fields: "This field is required"

Case B: Invalid Email

- Email: "notanemail" (no @)
- Expected: Error: "Please enter a valid email address"

Case C: Weak Password

- Password: "123" (< 8 chars)
- Expected: Error: "Password must be at least 8 characters"

Case D: Password Mismatch

- Password: "SecurePass123"
- Confirm: "SecurePass456"
- Expected: Error: "Passwords do not match"

Pass Criteria: All validation errors display correctly

TEST 1.3: Successful Registration

Test ID: UAT-001-003

Objective: Verify user can successfully register

Test Data:

Email: testuser_uat_001_\${DATE_TIMESTAMP}@testdomain.com
Password: TestPassword123!
Confirm: TestPassword123!
Full Name: UAT Test User

Steps:

1. Fill all form fields with valid data
2. Click Submit button
3. Observe loading indicator
4. Wait for response (< 5 seconds)

Expected Results:

- ☒ Success message: "Registration successful! Please log in."
- ☒ User redirected to login page
- ☒ Verification email sent to provided email address
- ☒ User record created in database with hashed password

Pass Criteria: User can log in with new credentials

TEST 1.4: Password Reset Flow

Test ID: UAT-001-004

Objective: Verify password reset via email

Steps:

1. On login page, click "Forgot Password?"
2. Enter registered email address
3. Click "Send Reset Link"
4. Check email inbox (may be in spam)
5. Click reset link in email
6. Enter new password: "NewPassword456!"
7. Confirm password: "NewPassword456!"
8. Click "Reset Password"

Expected Results:

- ☒ Reset email received within 2 minutes
- ☒ Reset link valid for 24 hours
- ☒ Reset form loads after clicking link
- ☒ Success: "Password reset successfully"
- ☒ Can log in with new password
- ☒ Old password no longer works

Pass Criteria: User successfully resets password and logs in

TEST 1.5: JWT Token Management






Test ID: UAT-001-005

Objective: Verify JWT token handling and security

Steps:

1. Log in successfully with valid credentials
2. Open DevTools: F12 → Application/Storage tab
3. Check localStorage for token
4. Copy token value and verify format
5. Navigate to protected page
6. Verify page loads (token valid)
7. Manually delete token from localStorage
8. Refresh page
9. Verify redirect to login

Expected Results:

-  Token stored in localStorage with key "authToken"
-  Token format: `xxxxx.yyyyy.zzzzz` (JWT structure)
-  Token removed after logout
-  Protected pages require valid token
-  Invalid/expired tokens redirect to login

Pass Criteria: JWT token properly stored and validated

TEST 1.6: Password Security (Bcrypt Hashing)

Test ID: UAT-001-006

Objective: Verify passwords are properly hashed in database

Prerequisites:

- Database access (admin/test environment only)
- User registered in previous tests

Steps:

1. Connect to database using admin credentials
2. Query: `SELECT email, password FROM users LIMIT 5`
3. Examine password field values
4. Verify password starts with `$2b$` (bcrypt signature)
5. Copy password hash
6. Verify hash length (~60 characters)
7. Try to log in using hash as password (should fail)
8. Log in with original plain password (should succeed)

Expected Results:

- ☒ Passwords stored as bcrypt hashes (not plain text)
- ☒ All hashes start with `$2b$`
- ☒ Hash format: `$2b$cost$hashedpassword`
- ☒ Cannot reverse-engineer password from hash
- ☒ Plain passwords work for login

Pass Criteria: All password security checks pass

2 USER STORY: ADMIN OCR DIGITALIZATION (US-002)

Hungarian: Mint a portál adminisztrátora, szeretném a tagok feltöltött CV-jét automatikusan digitalizálni (OCR-ezni), hogy az adataikat digitális formátumba rántsam.

TEST 2.1: OCR Upload Page Access Control

Test ID: UAT-002-001

Objective: Verify OCR page requires admin role

Steps:

Part A: Regular User Access

1. Log in as regular user (role: "user")
2. Navigate to `/admin/ocr`
3. Observe response

Expected:

- ☒ Error message: "403 Forbidden - Admin access required"
- ☒ Redirect to dashboard or error page

Part B: Admin Access

1. Log out regular user
2. Log in as admin (role: "admin")
3. Navigate to `/admin/ocr`
4. Wait for page load

Expected:

- ☒ OCR page loads successfully
- ☒ Upload area visible
- ☒ Job list table visible
- ☒ Queue statistics widget visible

Pass Criteria: Access control properly enforced

TEST 2.2: Single CV Upload & Processing

Test ID: UAT-002-002

Objective: Verify single file upload and OCR processing








Test File:

- Filename: `sample_cv.pdf`
- Size: 2-5 MB
- Format: PDF
- Content: Typical HR professional CV

Steps:

1. On OCR admin page, click upload area
2. Select test PDF file
3. Verify filename displays in upload widget
4. Click "Upload" or "Process" button
5. Observe loading indicator
6. Wait for job to appear in list
7. Monitor status: "Processing" → "Completed"
8. Click on completed job to view results

Expected Results:

-  File uploads successfully
-  File validation passes
-  Job created with unique ID
-  Processing starts immediately
-  Status updates in real-time
-  Processing completes within 30 seconds
-  Results available for viewing

Pass Criteria: File uploads and processes successfully

TEST 2.3: Batch Upload (Multiple CVs)

Test ID: UAT-002-003

Objective: Verify batch processing of multiple files

Test Files:

- Count: 5 different PDFs
- Sizes: 1-3 MB each
- Total: < 50 MB

Steps:

1. Click upload area
2. Select all 5 files simultaneously
3. Verify all files appear in queue
4. Click "Upload All" or "Batch Process"
5. Monitor batch job progress

6. Wait for all individual jobs to complete

Expected Results:

- ☒ All files upload (max 10 supported)
- ☒ Batch job created with parent ID
- ☒ Individual job for each file
- ☒ Progress shown per file (percentage)
- ☒ Average processing time: 20-30 sec per file
- ☒ All jobs show status "Completed"

Pass Criteria: Batch processing works efficiently

TEST 2.4: OCR Extraction Accuracy

Test ID: UAT-002-004

Objective: Verify text extraction quality and accuracy

Verification Steps:

1. View processed OCR result
2. Compare extracted text with original PDF
3. Check accuracy of:
 - Full Name: _____ (% accurate)
 - Email: _____ (% accurate)
 - Phone: _____ (% accurate)
 - Experience dates: _____ (% accurate)
 - Skills identified: _____ (% accurate)
4. Note confidence score displayed

Quality Standards:

- ☒ Name extraction: 100% match
- ☒ Email format: Valid email format
- ☒ Phone numbers: Valid format
- ☒ Dates: Proper date format
- ☒ Overall confidence score: $\geq 80\%$

Pass Criteria: Extraction accuracy meets standards

TEST 2.5: Structured Data Extraction

Test ID: UAT-002-005

Objective: Verify structured data parsing

Data Fields to Verify:

- Full Name (extracted)
- Email(s) (all extracted)
- Phone(s) (all extracted)
- Skills (categorized list)
- Education (degree, school, year)
- Experience (positions, companies, dates)
- Summary/Objective (if present)
- Keywords identified

Expected Results:

- ☒ All fields properly extracted
- ☒ Data categorized correctly
- ☒ Dates formatted consistently (YYYY-MM-DD)
- ☒ Skills shown as comma-separated list
- ☒ No duplicate data
- ☒ Sensitive data handled appropriately

Pass Criteria: All structured data extracted correctly

TEST 2.6: Error Handling

Test ID: UAT-002-006

Objective: Verify error handling for various file issues

Test Scenarios:

Scenario A: Invalid File Format

- Upload: **.txt** file disguised as **.pdf**
- Expected: Error message "Invalid file format"

Scenario B: File Too Large

- Upload: File > 10 MB
- Expected: Error message "File exceeds maximum size (10 MB)"

Scenario C: Corrupted PDF

- Upload: Corrupted/invalid PDF file
- Expected: Error message "Could not process file"

Scenario D: Scanned Document

- Upload: Low-quality scanned image
- Expected: Processes but confidence score < 70%

Pass Criteria: All errors handled gracefully

TEST 2.7: Results Review Interface





Test ID: UAT-002-007

Objective: Verify OCR results can be reviewed and corrected

Steps:

1. Navigate to OCR Results page
2. View list of all processed jobs
3. Test filtering: By Status (Completed, Error, Pending)
4. Test search: Search by filename or email
5. Click on a result to view details
6. Verify data fields are editable
7. Edit one field (e.g., name)
8. Click Save
9. Verify changes persisted

Expected Results:

-  Results list displays all jobs
-  Filters work correctly
-  Search returns relevant results
-  Can view full extracted data

- ☒ Can manually correct extracted data
- ☒ Changes saved to database
- ☒ Edit history tracked

Pass Criteria: Results review and correction works

TEST 2.8: Queue Monitoring

Test ID: UAT-002-008

Objective: Verify real-time queue statistics

Steps:

1. Submit multiple OCR jobs
2. View queue statistics dashboard
3. Check displayed metrics:
 - Total jobs in queue
 - Jobs by status (Pending, Processing, Completed, Failed)
 - Average processing time
 - Current processing job
4. Monitor real-time updates (refresh every 5 seconds)
5. Let jobs complete and watch status change

Expected Results:

- ☒ Statistics accurately reflect job counts
- ☒ Real-time updates without manual refresh
- ☒ Status breakdown shows all categories
- ☒ Processing doesn't cause system lag
- ☒ Queue processes jobs efficiently

Pass Criteria: Queue monitoring works correctly

3 USER STORY: LEARNING PLATFORM (US-003)

Hungarian: Mint felhasználó, szeretnék hozzáférni egy tanulás/vizsgázós részhez (online learning platform), hogy a CAHIS™ tananyagot elvégezhessem és vizsgázhassak.

TEST 3.1: Browse Courses

Test ID: UAT-003-001

Objective: Verify courses are displayed properly

Steps:

1. Log in as regular user
2. Click "Courses" in menu
3. Navigate to [/courses](#)
4. Wait for page load

Verify Displayed:

- Course grid/list layout
- For each course:
 - ☐ Course title
 - ☐ Course description (100-200 chars)
 - ☐ Instructor name
 - ☐ Category badge
 - ☐ Level (Beginner/Intermediate/Advanced)
 - ☐ Course image/thumbnail
 - ☐ "View" or "Enroll" button

Expected Results:

- ☒ Page loads within 3 seconds
- ☒ All courses display with complete info
- ☒ Images load without errors
- ☒ Responsive layout on mobile
- ☒ Pagination or infinite scroll works

Pass Criteria: Courses display correctly

TEST 3.2: Course Search & Filtering

Test ID: UAT-003-002

Objective: Verify search and filter functionality

Tests:

Search Test:

- Search term: "CAHIS"
- Expected: Only CAHIS courses shown

Category Filter:

- Filter: "HR Management"
- Expected: Only HR Management courses shown

Level Filter:

- Filter: "Intermediate"
- Expected: Only Intermediate level courses shown

Combined Filters:

- Category: "HR" + Level: "Intermediate"
- Expected: Courses matching both filters

Pass Criteria: All search and filter functions work

TEST 3.3: Course Enrollment

Test ID: UAT-003-003

Objective: Verify enrollment process

Steps:

1. Select an available course
2. Click "Enroll" button
3. If payment required: complete payment
4. Click "Confirm" enrollment
5. Wait for confirmation

Expected Results:

- ☒ Course added to user's "My Courses"
- ☒ Success message displayed
- ☒ Progress initialized to 0%
- ☒ Can access course content
- ☒ User added to course participant list

Pass Criteria: User successfully enrolls in course

TEST 3.4: Complete Lesson & Track Progress

Test ID: UAT-003-004

Objective: Verify lesson completion and progress tracking

Steps:

1. Enter enrolled course
2. View lesson list (sidebar/menu)
3. Click Lesson 1
4. Wait for lesson content to load
5. Read/watch all lesson content
6. Scroll to bottom
7. Click "Mark as Complete"
8. Verify completion confirmed
9. Check progress bar updated
10. Proceed to Lesson 2

Expected Results:

- ☒ Lesson loads with all content (text, video, resources)
- ☒ Can complete lesson
- ☒ Progress updates (e.g., 1/10 lessons)
- ☒ Cannot complete without viewing min content
- ☒ Completion tracked in database
- ☒ Can resume where left off

Pass Criteria: Lesson completion works and progress tracked

TEST 3.5: Quiz System

Test ID: UAT-003-005

Objective: Verify quiz taking functionality

Steps:

1. Navigate to course quiz section
2. Click "Take Quiz"
3. Review quiz instructions
4. Start quiz (if timed, observe timer)
5. Answer all questions
6. Review answers (if allowed)
7. Click "Submit Quiz"
8. Wait for scoring

Question Types to Test:

- Multiple choice
- True/False
- Short answer (if applicable)
- Multiple selection

Expected Results:

- ☒ Quiz interface user-friendly
- ☒ All questions display properly
- ☒ Can select/type answers
- ☒ Navigation between questions works
- ☒ Timer counts down accurately (if timed)
- ☒ Submit button disabled if incomplete
- ☒ Score calculated correctly

Pass Criteria: Quiz system works correctly

TEST 3.6: Quiz Results & Scoring

Test ID: UAT-003-006

Objective: Verify quiz results accuracy

Answers to Verify:

- 3 correct answers
- 2 incorrect answers
- 1 partially correct (if applicable)

Expected Results:

- ☒ Score displays: X/Y questions correct
- ☒ Percentage shown: ~60% (3/5 correct)
- ☒ Pass/Fail status correct (if $\geq 70\%$ = pass)
- ☒ Detailed review shows:
 - Your answer vs Correct answer
 - Explanation for each question
- ☒ Can retake quiz (max 3 attempts)
- ☒ Score saved in database

Pass Criteria: Scoring is accurate and can retake

TEST 3.7: Certificate Generation

Test ID: UAT-003-007

Objective: Verify certificate auto-generation upon course completion

Prerequisites:

- Complete all course lessons (100% progress)
- Pass final quiz (score $\geq 70\%$)

Steps:

1. Check course progress = 100%
2. Verify completion badge appears
3. Check notification about certificate
4. Navigate to "My Certificates"
5. Verify certificate appears

Certificate Should Display:

- ☒ Course name

- ☒ User name
- ☒ Issue date
- ☒ Certificate number/ID
- ☒ Digital signature
- ☒ Expiration date (if applicable)

Actions:

- ☒ Download as PDF
- ☒ Share certificate link
- ☒ Verify certificate authenticity

Pass Criteria: Certificate generated and downloadable

TEST 3.8: Progress Persistence

Test ID: UAT-003-008

Objective: Verify progress saved across sessions

Steps:

1. Complete 3 lessons (30% progress)
2. Note current progress
3. Log out completely
4. Wait 5 minutes
5. Log back in
6. Navigate to same course
7. Check progress still shows 30%
8. Verify completed lessons marked complete

Expected Results:

- ☒ Progress persists after logout
- ☒ Can resume from where left off
- ☒ All previous work intact
- ☒ No data loss
- ☒ Timestamps accurate

Pass Criteria: Progress saved and restored correctly

4 USER STORY: BLOG SYSTEM (US-004)

Hungarian: Mint felhasználó, szeretnék egy blog részt böngészni, ahol szakmai cikkek és esettanulmányok találhatóak.

TEST 4.1: Blog Page Accessibility

Test ID: UAT-004-001

Objective: Verify blog page displays articles

Steps:

1. Navigate to Blog page
2. Observe article display

Expected Results:

- ☒ Blog page loads quickly
- ☒ Articles displayed in list/grid format
- ☒ Each article shows: Title, Image, Author, Date, Category, Excerpt
- ☒ Images load without 404 errors
- ☒ Responsive on mobile devices

Pass Criteria: Blog page displays correctly

TEST 4.2: Blog Search & Filter





Test ID: UAT-004-002

Objective: Verify search and filtering work

Tests:

- Search "AI": Returns relevant articles
- Filter Category "Case Studies": Shows only case studies
- Filter Author "John Doe": Shows articles by author
- Combine filters: Shows articles matching all criteria

Expected Results:

-  Search returns relevant results
-  Filters work correctly
-  Multiple filters can combine
-  "Clear Filters" button available

Pass Criteria: Search and filters work

TEST 4.3: Article Reading






Test ID: UAT-004-003

Objective: Verify article displays properly

Steps:

1. Click on article title
2. Wait for article to load
3. Verify content displays: Title, Author, Date, Body
4. Scroll through full article
5. Check images and formatting

Expected Results:

-  Article loads within 3 seconds
-  All content readable and formatted
-  Images display correctly
-  Links are clickable
-  Mobile view responsive

Pass Criteria: Article displays correctly

TEST 4.4: Content Protection on Blog




Test ID: UAT-004-004

Objective: Verify copy protection on blog articles

Tests:

- Right-click text: Context menu disabled
- Ctrl+C: Copy blocked
- Select text: May be disabled or watermarked
- Screenshot: Watermark visible

Expected Results:

-  Copy functionality blocked
-  User sees "Content is protected" message
-  Content cannot be easily copied

Pass Criteria: Content protection works

USER STORY: COMMUNITY CHAT (US-005)

Hungarian: Mint felhasználó, szeretnék egy közösségi/chat felületet használni (community page/chat), hogy más certified szakemberekkel folyamatosan kapcsolatban lehessek.

TEST 5.1: Access Community Chat





Test ID: UAT-005-001

Objective: Verify chat page accessible

Steps:

1. Click "Community" in menu
2. Navigate to </community> or </chat>
3. Wait for page load

Expected Results:

-  Chat interface loads
-  Available rooms/channels displayed
-  User list shows online members
-  Message area ready for interaction

Pass Criteria: Chat page accessible

TEST 5.2: Join Chat Room & View History





Test ID: UAT-005-002

Objective: Verify can join room and see message history

Steps:

1. Click on room (e.g., "General")
2. Wait for room to load
3. Observe message history
4. Check member list

Expected Results:

-  Room opens successfully
-  Message history displays (50+ recent)
-  Members listed with status
-  Can see timestamps

Pass Criteria: Room joins and history displays

TEST 5.3: Send Chat Message

Test ID: UAT-005-003

Objective: Verify message sending works

Steps:

1. In active room, click message input
2. Type message: "Testing chat system"
3. Press Enter or click Send
4. Observe message in chat

Expected Results:

-  Message appears immediately

- ☒ Shows: Your name, avatar, message, timestamp
- ☒ Special characters work
- ☒ Emoji support (if applicable)

Pass Criteria: Messages send successfully

TEST 5.4: Real-time Updates

Test ID: UAT-005-004

Objective: Verify real-time message delivery

Setup: Two browsers open, same room

Steps:

1. User A viewing room
2. User B sends message
3. Observe message appears on User A's screen immediately

Expected Results:

- ☒ Message appears within 1 second
- ☒ No page refresh needed
- ☒ WebSocket connection stable
- ☒ Scales for multiple users

Pass Criteria: Real-time updates work

TEST 5.5: User Presence & Status

Test ID: UAT-005-005




Objective: Verify online/offline status

Steps:

1. Check member list - all show "Online"
2. Log out one user
3. Check their status changes to "Offline"

4. Verify "Last seen" timestamp

Expected Results:

-  Status updates in real-time
-  Green dot = Online, Red dot = Offline
-  Last seen timestamp accurate

Pass Criteria: Presence tracking works

TEST 5.6: Multiple Rooms





Test ID: UAT-005-006

Objective: Verify can switch between rooms

Steps:

1. In "General" room, send message
2. Switch to "HR Strategy" room
3. Check history is different
4. Send message in room 2
5. Switch back to General
6. Verify original message still there

Expected Results:

-  Can switch rooms
-  Message history per room
-  Members list updates
-  Messages don't mix

Pass Criteria: Room switching works

TEST 5.7: Message Persistence

Test ID: UAT-005-007

Objective: Verify messages persist after logout

Steps:

1. Send message: "Persistence test"
2. Log out
3. Log back in
4. Go to same room
5. Scroll through history

Expected Results:

- ☒ Message still visible
- ☒ Timestamp unchanged
- ☒ Complete history available
- ☒ No data loss

Pass Criteria: Messages persist

USER STORY: MANIFESTO PAGE (US-006)

Hungarian: Mint új tag, szeretném elolvasni a portál manifesztóját (manifesto), hogy megértsem a közösség alapelveit.

TEST 6.1: Manifesto Accessibility

Test ID: UAT-006-001

Objective: Verify manifesto page public and accessible

Steps:

1. Find "Manifesto" link (footer/menu)
2. Click manifesto link
3. Verify page loads

Expected Results:

- ☒ Accessible without login
- ☒ Page loads quickly

-  Mobile responsive






Pass Criteria: Page accessible

TEST 6.2: Manifesto Content





Test ID: UAT-006-002

Objective: Verify content quality and completeness

Content Should Include:

-  Mission statement
-  Core values/principles (5+)
-  Community commitment
-  Professional standards
-  Diversity statement

Quality Checks:

-  Professional tone
-  No spelling/grammar errors
-  Well-formatted
-  Inspiring and clear

Pass Criteria: Content complete and quality

USER STORY: RESOURCES/TRAINING (US-007)

Hungarian: Mint felhasználó, szeretnék elérni külsős szakmai/oktatási anyagokat (tréning material), hogy kiegészítik a certifikáció alapanyagát.

TEST 7.1: Resources Page

Test ID: UAT-007-001

Objective: Verify resources accessible

Steps:

1. Click "Resources" in menu
2. Verify page loads

Expected Results:

- ☒ Resources organized by category
- ☒ Multiple resource types visible
- ☒ Complete list displayed

Pass Criteria: Page loads correctly

TEST 7.2: Resource Download

Test ID: UAT-007-002

Objective: Verify can download resources

Steps:

1. Click on a resource
2. Click Download button
3. Save file to computer
4. Verify file integrity

Expected Results:

- ☒ File downloads successfully
- ☒ File not corrupted
- ☒ File size matches expected

Pass Criteria: Download works

TEST 7.3: External Links




Test ID: UAT-007-003

Objective: Verify external links work

Steps:

1. Click external link
2. Verify opens in new tab
3. Check site loads

Expected Results:

-  Links work
-  No 404 errors
-  Trusted sources

Pass Criteria: External links valid

TEST 7.4: Resource Filtering



Test ID: UAT-007-004

Objective: Verify filters work

Tests:

- Filter by Type (PDF, Video, etc.)
- Filter by Category
- Combine multiple filters

Expected Results:

-  Filters work correctly
-  Results accurate

Pass Criteria: Filtering works

USER STORY: COPY PROTECTION (US-008)

Hungarian: Mint a tartalom tulajdonosa, szeretném megakadályozni a dokumentumok lemásolását (copy-paste)...

TEST 8.1: Copy-Paste Prevention

Test ID: UAT-008-001

Steps:

1. Try to select text in protected area
2. Try Ctrl+C
3. Try right-click Copy

Expected Results:

- ☒ Copy blocked
- ☒ Protection message shown

Pass Criteria: Copy prevented

TEST 8.2: Right-Click Prevention

Test ID: UAT-008-002

Steps:

1. Right-click on content
2. Verify context menu disabled

Expected Results:

- ☒ Context menu blocked
- ☒ Custom message shown

Pass Criteria: Right-click disabled

TEST 8.3: Image Protection

Test ID: UAT-008-003

Steps:

1. Try right-click on image: "Save image as"
2. Try drag image to desktop
3. Try Ctrl+C to copy

Expected Results:

-  All blocked
-  Image protected

Pass Criteria: Image protected



TEST 8.4: PDF Protection

Test ID: UAT-008-004

Steps:

1. View protected PDF
2. Try to save/download
3. Try Ctrl+S

Expected Results:

-  Cannot save locally
-  Can only view

Pass Criteria: PDF protected

USER STORY: WATERMARKING (US-009)

Hungarian: Mint a tartalom tulajdonosa, szeretném, ha print screen esetén a háttérben vízjel jelenne meg...

TEST 9.1: Watermark Visibility

Test ID: UAT-009-001

Steps:

1. View protected content
2. Take screenshot (Print Screen)
3. Open screenshot in image editor
4. Check watermark visible

Expected Results:

- ☒ Watermark visible
- ☒ Text readable (e.g., "CONFIDENTIAL")
- ☒ Doesn't block content
- ☒ Appears on all screenshots

Pass Criteria: Watermark visible

TEST 9.2: Watermark Customization

Test ID: UAT-009-002

Steps (Admin):

1. Access watermark settings
2. Change text/opacity/font
3. Save changes
4. Verify new watermark on content

Expected Results:

- ☒ Customizable
- ☒ Changes applied
- ☒ All content updated

Pass Criteria: Customization works




TEST 9.3: PDF Watermark

Test ID: UAT-009-003

Steps:

1. Export content as PDF
2. Download PDF
3. Open in viewer
4. Check watermark on PDF

Expected Results:

-  Watermark embedded
-  Visible in PDF
-  Cannot be easily removed

Pass Criteria: PDF watermarked




TEST 9.4: User ID Watermark

Test ID: UAT-009-004

Steps (Advanced):

1. Take screenshot
2. Check watermark includes user info
3. Verify timestamp included

Expected Results:

-  User email/ID in watermark
-  Timestamp accurate
-  Deters unauthorized sharing

Pass Criteria: User identification watermark works

TEST 9.5: Certificate Watermark



Test ID: UAT-009-005

Steps:

1. View certificate
2. Take screenshot
3. Check watermark visible
4. Download as PDF
5. Verify watermark on PDF
6. Try printing - watermark visible

Expected Results:

-  Watermark on all formats

-  Certificate authenticity protected
-  Forgery prevented

Pass Criteria: Certificate protected



TEST COMPLETION & SIGN-OFF

Total Test Cases: 51

Executed: _____

Passed: _____

Failed: _____

Pass Rate: _____%

Sign-Off

Lead Tester: _____

Date: _____

QA Manager: _____

Date: _____

Recommendation: ☐ APPROVED [] CONDITIONAL [] REJECTED

Status:  All tests ready for execution

Document Version: 1.0