Course Information Management System

Group 2

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Contents

Test Case TC1: Authenticate to the System

Functionality to Test: The user shall be able to log in.
Functional Requirement: 1.1
Inputs: - Username
   - Password
Expected Outputs: - User session
   - Confirmation

Instructions for Tester

1. Input username and password.
2. Select to log in.
3. Verify that the page has a log out button.

Test Case TC2: View Personal Page

Functionality to Test: The user shall be able to view his or hers personal page.
Functional Requirement: 2.1
Inputs: None
Expected Outputs: - Personal Page

Instructions for Tester

1. Navigate to the "News" under "Personal Links" section of the website.

Test Case TC3: View Overview of Course News

Functionality to Test: The user shall be able to view an overview of the user's courses news.
Functional Requirement: 2.3
Inputs: None
Expected Outputs: - List of course news for the courses the student is registered for

Instructions for Tester

1. Navigate to the "News" under "Personal Links" section of the website.

Test Case TC4: Create Course Website

Functionality to Test: The user shall, if assigned as course leader for a course, be able to create a course website with the help of a guide.
Functional Requirement: 3.1
Inputs: - Course name
   - Credits
   - Start period
   - End period
   - Description of course
   - Schedule
   - Title of information page
   - Content of information page
   - Title of deadline
   - Time of deadline

- Description of deadline

Expected Outputs: - Course website and confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to a course website.
3. Input course name, credits, start period, end period and description.
4. Select to continue.
5. Select a schedule to import.
6. Select to import schedule.
7. Select to continue.
8. Input title and content of an information page.
9. Select to preview.
10. Select to save information page.
11. Select to continue.
12. Input title, time and description of a deadline.
13. Select to preview.
14. Select to save deadline.
15. Select to continue.
16. Select to create course website.
17. Verify that the course website is available by selecting to the course website.

Test Case TC5: Edit Existing Course Description

Functionality to Test: The user shall, if assigned course leader for the course, be able to edit the existing course description.

Functional Requirement: 4.1

Inputs: - Course Name
- Credits
- Begin Period
- End Period
- Description

Expected Outputs: - Course description
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to a course website.
3. Navigate to the "Course Description" under "Course Leader Links" section of a course website.
4. Edit the course description.
5. Select to save the course description.
6. Verify that the course description is available from the course description page (TC6).

Test Case TC6: View Course Description

Functionality to Test: The user shall be able to view a course description.

Functional Requirement: 4.2

Inputs: None

Expected Outputs: - Course description

Instructions for Tester

1. Navigate to a course website.
2. Navigate to the "Course Description" page of a course website.

Test Case TC7: Add Course News

Functionality to Test: The user shall, if assigned course leader for the course, be able to add course news to the course.
Functional Requirement: 5.1
Inputs: - Headline
- Content
Expected Outputs: - Course news
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to a course website.
3. Navigate to the "News" under "Course Leader Links" section of a course website.
4. Input headline and content of a news.
5. Select to preview.
6. Select to save the news.
7. Verify that the news is available from the news page (TC10).

Test Case TC8: Edit Existing Course News

Functionality to Test: The user shall, if assigned course leader for the course, be able to edit existing course news.
Functional Requirement: 5.1
Inputs: - Headline
- Content
Expected Outputs: - Course news
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to a course website.
3. Navigate to the "News" under "Course Leader Links" section of a course website.
4. Select news to edit.
5. Edit the news.
6. Select to preview.
7. Select to save the news.
8. Verify that the news is available from the news page (TC10).

Test Case TC9: Remove Existing Course News

Functionality to Test: The user shall, if assigned course leader for the course, be able to remove existing course news.
Functional Requirement: 5.1

Inputs: - Course news to be removed
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to a course website.
3. Navigate to the "News" under "Course Leader Links" section of a course website.
4. Select news to remove.
5. Verify that the news is removed from the news page (TC10)

Test Case TC10: View Course News

Functionality to Test: The user shall be able to view course news.
Functional Requirement: 5.2
Inputs: None
Expected Outputs: - The course news for a course order by date in descending order

Instructions for Tester

1. Navigate to a course website.
2. Navigate to the "News" section of a course website.

Test Case TC11: Add Information Page

Functionality to Test: The user shall be able to add an information page to the course website.
Functional Requirement: 6.1
Inputs: - Title
- Content
Expected Outputs: - Information page
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Information pages" management section for a course website.
3. Input title and content where requested.
4. Select to preview.
5. Select to save.
6. Verify that the information page has been added to the list of information pages in the"Information page" management section, and view the information page (TC14).

Test Case TC12: Edit Existing Information Page

Functionality to Test: The user shall be able to edit an existing information page.
Functional Requirement: 6.1
Inputs: - The information page to edit
- Title
- Content
Expected Outputs: - Information page
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Information pages" management section for a course website.
3. Select an existing information page to edit.
4. Input updated title and content where requested.
5. Select to preview.
6. Select to save.
7. Verify that the information page has been edited accordingly (TC14).

Test Case TC13: Remove Existing Information Page

Funtionality to Test: The user shall be able to remove an existing information page.
Functional Requirement: 6.1
Inputs: - Information page to be removed
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Information pages" management section for a course website.
3. Select an existing information page to remove.
4. Confirm removal of the selected information page.
5. Verify that the information page has been removed from the list of information pages in the "Information page" management section.

Test Case TC14: View Information Page

Functionality to Test: The user shall be able to view an information page.
Functional Requirement: 6.2
Inputs: - Selected information page
Expected Outputs: - Information page for viewing

Instructions for Tester

1. Navigate to a course website.
2. Select an information page to view.

Test Case TC15: Import Course Schedule

Functionality to Test: The user shall be able to import a course schedule in the iCalendar format.
Functional Requirement: 7.1
Inputs: - Schedule in the iCalendar format
Expected Outputs: - Schedule
                               - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Schedule" management section for a course website.

3. Input the location of the iCalendar file, where requested.
4. Select to import the iCalendar file from the given location.
5. Verify that the schedule has been added correctly (TC20).

Test Case TC16: Remove Existing Course Schedule

Functionality to Test: The user shall be able to remove an existing course schedule.
Functional Requirement: 7.1
Inputs: None
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Schedule" management section for a course website.
3. Select to remove schedule.
4. Confirm removal of schedule.
5. Verify that all the scheduled activities have been removed from the list of scheduled activities in the "Schedule" management section.

Test Case TC17: Add Scheduled Activity

Functionality to Test: The user shall be able to add a scheduled activity.
Functional Requirement: 7.2
Inputs: - Title
- Description
- Starting date
- Starting time
- Ending date
- Ending time
Expected Outputs: - Scheduled activity
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Schedule" management section for a course website.
3. Input title, starting date, starting time, ending date, ending time and description where requested.
4. Select to preview.
5. Select to save.
6. Verify that the scheduled activity has been added to the course schedule (TC20) and the compiled schedule (TC21).

Test Case TC18: Edit Existing Scheduled Activity

Functionality to Test: The user shall be able to edit an existing scheduled activity.
Functional Requirement: 7.2
Inputs: - The scheduled activity to edit
- Title
- Description
- Starting date

	- Starting time
	- Ending date
	- Ending time
Expected Outputs:	- Scheduled activity
	- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Schedule" management section for a course website.
3. Select the existing scheduled activity to edit.
4. Input title, starting date, starting time, ending date, ending time and description where requested.
5. Select to preview.
6. Select to save.
7. Verify that the scheduled activity has been edited accordingly (TC20 and TC21).

Test Case TC19: Remove Existing Scheduled Acitivity

Functionality to Test: The user shall be able to remove an existing scheduled activity.
Functional Requirement: 7.2
Inputs: - The scheduled activity to remove
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the "Schedule" management section for a course website.
3. Select the existing scheduled activity to remove.
4. Confirm removal of selected scheduled activity.
5. Verify that the scheduled activity has been removed from the list of scheduled activities in the "Schedule" management section.

Test Case TC20: View Scheduled Activity from Course Schedule

Functionality to Test: The user shall be able to view a scheduled activity from the course schedule.
Functional Requirement: 7.3
Inputs: - The selected scheduled activity to view
Expected Outputs: - Detailed information for the selected scheduled activity

Instructions for Tester

1. Navigate to a course website.
2. Select to view the course schedule.
3. Select a scheduled activity from the course schedule.

Test Case TC21: View Scheduled Activity from Compiled Schedule

Functionality to Test: The user shall be able to view scheduled activities from the compiled schedule, which can be accessed through the personal page, and the details of the activities.

Functional Requirement: 7.4
Inputs: - Scheduled activity
Expected Outputs: - The description of the selected activity

Instructions for Tester

4. Navigate to the personal page.
5. Navigate to the "Schedule" section under "Personal Links".
6. Select a schedule activity to view the description of the activity.

Test Case TC22: Export Schedule in iCalendar Format

Functionality to Test: The user shall be able to export the compiled schedule and the course schedule on the course website.
Functional Requirement: 7.5
Inputs: - The schedule
Expected Outputs: - The schedule in iCalendar format

Instructions for Tester

1. Navigate to the personal page or the course website.
2. Navigate to the "Schedule" section.
3. Select to export the schedule into iCalendar format.

Test Case TC23: Add Deadline

Functionality to Test: The user shall be able to add deadlines for courses he or she is assigned the privilege course leader and is authenticated.
Functional Requirement: 8.1
Inputs: - Title of the deadline
                                 - Date of the deadline
                                 - Description of the deadline
Expected Outputs: - The added deadline
                                 - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Deadline" section under "Course Leader Links".
4. Input title, date and description for the deadline.
5. Select to preview.
6. Select to save deadline.
7. Verify that the deadline is available from the deadline page (TC26).

Test Case TC24: Edit Existing Deadline

Functionality to Test: The user shall be able to edit existing deadlines for courses he or she is assigned the privilege course leader and is authenticated.
Functional Requirement: 8.1
Inputs: - The selected deadline
                                 - Title of the deadline

	- Date of the deadline
	- Description of the deadline
Expected Outputs:	- The edited deadline
	- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Deadline" section under "Course Leader Links".
4. Select deadline to edit.
5. Edit title, date or description for the deadline.
6. Select to preview.
7. Select to save deadline.
8. Verify that the deadline is available from the deadline page (TC26).

Test Case TC25: Remove Existing Deadline

Functionality to Test: The user shall be able to remove existing deadlines for courses he or she is assigned the privilege course leader and is authenticated.
Functional Requirement: 8.1
Inputs: - The selected deadline
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Deadline" section under "Course Leader Links".
4. Select deadline to remove.
5. Select to confirm removal of deadline.
6. Verify that the deadline is removed from the deadline page (TC26).

Test Case TC26: View Deadlines

Functionality to Test: The user shall be able to view existing deadlines for a course.
Functional Requirement: 8.2
Inputs: - The ID of a deadline
Expected Outputs: - The selected deadline

Instructions for Tester

1. Navigate to the course website.
2. Navigate to the "Deadline" section under "Courses ".
3. Select deadline to view.

Test Case TC27: View Overview of Deadlines

Functionality to Test: The user shall be able to view the overview of deadlines for courses that the user is registered for.
Functional Requirement: 8.3
Inputs: None

Expected Outputs: - A list of deadlines for courses the user is registered for

Instructions for Tester

1. Navigate to the personal page.
2. Navigate to the "Deadline" section under "Personal Links".

Test Case TC28: Upload File

Functionality to Test: The user shall be able to upload files for courses that the user is assigned the privilege course leader and is authenticated.

Functional Requirement: 9.1

Inputs: - Title of the file
                        - Description of the file
                        - File to upload

Expected Outputs: - Uploaded file
                        - File description
                        - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Files" section under "Course Leader Links".
4. Input title, description and file to upload.
5. Select to save file.
6. Verify that the uploaded file is available from the file page (TC31).

Test Case TC29: Edit Existing File

Functionality to Test: The user shall be able to edit existing uploaded files for courses that the user is assigned the privilege course leader and is authenticated.

Functional Requirement: 9.1

Inputs: - File to be edited
                        - Title of the file
                        - Description of the file
                        - File to upload

Expected Outputs: - Uploaded file
                        - File description
                        - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Files" section under "Course Leader Links".
4. Select file to be edited.
5. Edit title, description or file to upload.
6. Select to save file.
7. Verify that the uploaded file is available from the file page (TC31).

Test Case TC30: Remove Existing File

Functionality to Test: The user shall be able to remove existing uploaded files for courses that the user is assigned the privilege course leader and is authenticated.
Functional Requirement: 9.1
Inputs: - File to be removed
Expected Outputs: - Confirmation
Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Files" section under "Course Leader Links".
4. Select file to be removed.
5. Select to confirm removal of uploaded file.
6. Verify that the uploaded file is removed from the file page (TC31).

Test Case TC31: Download File

Functionality to Test: The user shall be able to download files for courses he or she is registered for and is authenticated.
Functional Requirement: 9.2
Inputs: - Username
    - Password
Expected Outputs: - The selected file

Instructions for Tester

7. Authenticate to the system (TC1).
8. Navigate to a course website.
9. Navigate to the "Uploaded Files" section of a course website.
10. Select a file to download.
11. Verify that the file is downloaded.

Test Case TC32: Add Course Assignment

Functionality to Test: The user shall be able to add course assignments for courses he or she is assigned the privilege course leader and is authenticated.
Functional Requirement: 10.1
Inputs: - Title of the assignment
    - Description of the assignment
Expected Outputs: - The added assignment and confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Assignment" section under the "Course Leader Links".
4. Input title and description for the course assignment.
5. Select to preview.
6. Select to save assignment.
7. Verify that the assignment is available from the assignment page (TC35).

Test Case TC33: Edit Existing Course Assignment

Functionality to Test: The user shall be able to edit existing course assignments for courses he or she is assigned the privilege course leader and is authenticated.

Functional Requirement: 10.1

Inputs: - Title of the assignment
    - Description of the assignment

Expected Outputs: - The edited assignment and confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Assignment" section under the "Course Leader Links".
4. Select assignment to edit.
5. Edit title and description for the course assignment.
6. Select to preview.
7. Select to save assignment.
8. Verify that the assignment is available from the assignment page (TC35).

Test Case TC34: Remove Exisiting Course Assignment

Functionality to Test: The user shall be able to remove existing course assignments for courses he or she is assigned the privilege course leader and is authenticated.

Functional Requirement: 10.1

Inputs: - Title of the assignment
    - Description of the assignment

Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Assignment" section under the "Course Leader Links".
4. Select course assignment to remove.
5. Select to confirm removal of deadline.
6. Verify that the assignment is removed from the assignment page (TC35).

Test Case TC35: View Course Assignments

Functionality to Test: The user shall be able to view existing course assignments for a course.

Functional Requirement: 10.2

Inputs: - The course

Expected Outputs: - List of course assignments for the course

Instructions for Tester

1. Navigate to the course website.
2. Navigate to the "Assignment" section.

Test Case TC36: Register Results

Functionality to Test: The user shall be able to register results for existing course assignments for courses he or she is assigned the privilege course leader or course assistant and is authenticated.

Functional Requirement: 11.1

Inputs: - Grade
- Course assignment to assign grade to
- User to assign grade to

Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Results" section under the "Course Leader Links".
4. Enter grades for the users and assignments.
5. Select to save the results.
6. Verify that the grade is available from the register results page (TC36).

Test Case TC37: View Results

Functionality to Test: The user shall be able to view existing results for a course he or she is registered for and is authenticated.

Functional Requirement: 11.2

Inputs: - The course

Expected Outputs: - List of results for the course

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Results" section.

Test Case TC38: View Registered Students

Functionality to Test: The user shall be able to view registered users for courses he or she is assigned the privilege course leader and is authenticated.

Functional Requirement: 12.1

Inputs: - The course

Expected Outputs: - List of students registered for the course

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Registrations" section under the "Course Leader Links".

Test Case TC39: Confirm Application to Get Registered for Course

Functionality to Test: The user shall be able to accept applying users for courses he or she is assigned the privilege course leader and is authenticated.

Functional Requirement: 12.2

Inputs: - The course
                                    - Users
Expected Outputs: - List of students for the course

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Navigate to the "Registrations" section under the "Course Leader Links".
4. Select student applications to accept.
5. Select to accept the selected users into the course.
6. Verify that the user is registered for the course (TC38).

Test Case TC40: Apply for Course

Functionality to Test: The user shall be able to apply for a course which he or she isn't already registered in.
Functional Requirement: 12.3
Inputs: None
Expected Outputs: - Updated student status
                                    - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Select the option to apply for the course.
4. Select Confirm.
5. Verify that the student application can be confirmed from the Course Leader Registrations page (TC39).

Test Case TC41: Unregister Registered Student

Functionality to Test: A course leader shall be able to remove a previously registered student from a course.
Functional Requirement: 12.4
Inputs: None
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Navigate to the course website.
3. Select the registration option from the Course Leader Links submenu.
4. Select the Remove (unregister) link corresponding to the student that shall be unregistered
5. Select Confirm.
6. Verify that the student is no longer listed as a registered student for the course (TC38).

Test Case TC42: Add User Account

Functionality to Test: A system administrator shall be able to add user accounts.

Functional Requirement: 13.4
Inputs: - Username
- Password
Expected Outputs: - New User
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Select Users from the System Administrator submenu.
3. Input username and password.
4. Select Add.
5. Select Confirm.
6. Verify that the new user can log in (TC1).

Test Case TC43: Edit User Password

Functionality to Test: A system administrator shall be able to edit user's passwords.
Functional Requirement: 13.4
Inputs: - Username
- Password
Expected Outputs: - Updated User
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Select Users from the System Administrator submenu.
3. Input the username into the username field under Edit Existing User.
4. Select the Edit Password link corresponding to the user.
5. Input the new password.
6. Press the save button.
7. Verify that the user can log in using the new password (TC1).

Test Case TC44: Remove User Account

Functionality to Test: A system administrator shall be able to remove user accounts.
Functional Requirement: 13.4
Inputs: - Username
Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Select Users from the System Administrator submenu.
3. Input the username into the username field under Edit Existing User.
4. Select the Remove link corresponding to the user.
5. Select Confirm.
6. Verify that the user can no longer log in (TC1).

Test Case TC45a: Edit User Privileges

Functionality to Test: A system administrator shall be able to edit user privileges to make other users System Administrators.
Functional Requirement: 13.1
Inputs: - Username
Expected Outputs: - Updated user
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Select Users from the System Administrator submenu.
3. Input the username into the username field under Edit Existing User.
4. Select the Edit Privileges link corresponding to the user.
5. Select the System Administrator checkbox.
6. Select Save.
7. Select Confirm.
8. Verify that the user has access to the System Administrator functions of the system such as editing user privileges (TC45a).

Test Case TC45b: Edit User Privileges

Functionality to Test: A system administrator shall be able to edit user privileges to make other users Course Leader or Course Assistant.
Functional Requirement: 13.1
Inputs: - Username
- Course Code
Expected Outputs: - Updated user
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Select Users from the System Administrator submenu.
3. Input the username into the username field under Edit Existing User.
4. Select the Edit Privileges link corresponding to the user.
5. Select the Course Leader or Course Assistant checkbox.
6. Input course code.
7. Select Save.
8. Select Confirm.
9. Verify that the user has access to Course Leader/Course Assistant functions such as registering results (TC36).

Test Case TC46: Add Course Assistant

Functionality to Test: A course leader shall be able to assign course assistants to courses they are responsible for.
Functional Requirement: 13.2
Inputs: - Username
Expected Outputs: - Added Course Assistant
- Confirmation

Instructions for Tester

1. Authenticate to the system (TC1).
2. Authenticate with the system.
3. Select Course Assistants from the Course Leader Links submenu.
4. Input the username.
5. Select Continue.
6. Select Confirm.
7. Verify that the user can now add results for students registered for the course (TC36).

Test Case TC47: Remove Course Assistant

Functionality to Test: A course leader shall be able to remove course assistants to courses they are responsible for.

Functional Requirement: 13.2

Inputs: - Course
                               - Username

Expected Outputs: - Confirmation

Instructions for Tester

1. Authenticate with the system.
2. Select Course Assistants from the Course Leader Links submenu.
3. Select the Remove link corresponding to the Course leader to remove.
4. Select Confirm.
5. Verify that the user no longer has access to Course Leader functions for the course, such as adding course assistants (TC46).

Test Case TC48: Add Course

Functionality to Test: A System Administrator shall be able to add courses to the system.

Functional Requirement: 13.3

Inputs: - Course Code

Expected Outputs: - New Course and Confirmation

Instructions for Tester

1. Authenticate with the system.
2. Select Courses from the System Administrator submenu.
3. Input the course code in the field corresponding to Add Course Code.
4. Select Add.
5. Select Confirm.
6. Verify that a Course Leader can now be assigned to the course (TC45b).

Test Case TC49: Edit Existing Course

Functionality to Test: A System Administrator shall be able to edit existing courses in the system.

Functional Requirement: 13.3

Inputs: - Course Code (old)
                           - Course Code (new)
Expected Outputs: - Updated Course and Confirmation

Instructions for Tester

1. Authenticate with the system.
2. Select Courses from the System Administrator submenu.
3. Input the course code in the field corresponding to Edit Course Code.
4. Select Search.
5. Select the Edit link corresponding to the course to be edited.
6. Input the new Course Code
7. Select Save.
8. Select Confirm.
9. Verify that a Course Leader can be assigned to the course using the new course code but not the old one (TC45b).