

Time Monitoring Tool

Test Case

Version <3.0>

Time Monitoring Tool	Version: 3.0
Test Case	Date: 10/02/2001
upedu ex tstcs	

Revision History

Date	Version	Description	Author
28/01/2001	1.0	First version	Sandra Lee
05/02/2001	2.0	Added Test Length information	Sandra Lee
10/02/2001	3.0	Added Test information on Timestamps Validation	James Prevost

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Preface

The following case study has been modified from its original content. The case study is meant to be used as a starting point to help you understand how to use the artifact. Thus, information has been shrunk to avoid navigating an enormous document (in size and pages).

You can also refer to the related template (in HTML format or WORD format) in the UPEDU Artifacts Templates Test Section.

Regards,

Unified Process for Education Team

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Test Case

1. Purpose

This document identifies and communicates all conditions to be implemented within the tests. These conditions are mandatory for an acceptable and successful implementation of the final product (following all use-cases and defined constraints).

2. Test case identifier #1

TC_1

2.1 Test item

The test item is the loading of any Client Module. The purpose is to ensure that the system loads and displays correctly the client modules. The DCM must be loaded if the requested connection is made by a Developer. The MCM must be loaded if the requested connection is made by an Administrator. References for this test case are obtained from the following project documentation:

Requirements specification: upedu_ex_srs.pdf
Design specification: upedu_ex_sad.pdf

2.2 Input specifications

The test input is a mouse click on the appropriate icon. The source of the input is the user and it is a real test input

Prerequisite conditions: Once the username and password are validated, the Client Module is loaded.

2.3 Output specifications

If user is a Developer, DCM is loaded. If user is an Administrator, MCM is loaded.

2.3.1 Developer

The system displays a dialog zone with the following properties:

- Current Week's date
- Developer's Username
- All fields are clearly identified
- Current week's validated and non-validated timestamps are shown
- All timestamps information are in a table, having 1 timestamp per row
- Each timestamp field is editable
- If any, all timestamps to resubmit (Timestamps sent back to the Developer for some reason) are also displayed

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2.3.2 Administrator

The system displays a dialog zone with the following properties:

- Administrator's Username
- Two main menus are displayed: **Developers Management and Project Management.**
- **Developers Management menu includes: Add a User, List/Modify/Deactivate and Validate Timestamps.**
- **Project Management menu includes: Export to MS-Excel, Export to MS-Project, Add a Project and Add a Task**

2.4 Environmental needs

2.4.1 Hardware

All test operations need a workstation running under MicroSoft Windows 95/98/NT4/2000.

2.4.2 Software

- The code for the testing module
- The proper version of the WWW browser

2.4.3 Other

None

2.5 Special procedural requirements

None

2.6 Intercase dependencies

None

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3. Test case identifier #2

TC_2

3.1 Test item

All possible Login data to submit. (Usernames and passwords combinations)

3.2 Input specifications

The tester enters the TMT Login window URL in the Browser's address bar.

TEST CASE	USERNAME	PASSWORD
TC_2_01	Valid (Administrator)	Valid (Administrator)
TC_2_02	Valid (Administrator)	Invalid (Administrator)
TC_2_03	Invalid (Administrator)	Valid (Administrator)
TC_2_04	Invalid (Administrator)	Invalid (Administrator)
TC_2_05	Valid (Developer)	Valid (Developer)
TC_2_06	Valid (Developer)	Invalid (Developer)
TC_2_07	Invalid (Developer)	Valid (Developer)
TC_2_08	Invalid (Developer)	Invalid (Developer)

3.3 Output specifications

For <TC_2_01> and <TC_2_05> (Valid entries), if the test is successful, the corresponding TMT Client window is displayed.

For all others, if the test is successful, the corresponding Login error window is displayed.

3.4 Environmental needs

3.4.1 Hardware

All test operations need a workstation running under MicroSoft Windows 95/98/NT4/2000.

3.4.2 Software

- The code for the testing module
- The proper version of the WWW browser

3.4.3 Other

None

3.5 Special procedural requirements

None

3.6 Intercase dependencies

None