

Test Case Specification

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Revision History

Version	Date	Name	Description
1.0	04/26/20	Samuele Pozzani	Initial document

1 Introduction

This document provides the test cases to be carried out for the MarconiTT Application. Each item to be tested is represented by an individual test case. Each case details the input and expected outputs.

2 Test Cases: Containers management

Test ID	2.1
Title	Docker startup
Feature	Start containers and run the application
Objective	Make MarconiTT accessible and usable
Setup	edu-x08 with running docker
Test Data	Root privileges are needed
Test Actions	Bash command input: \$ docker-compose -f docker-compose-prod.yml up -d (or the alias: ttup)
Expected Results	System starts the required containers and displays each output
Test ID	2.2
Title	Clean restart
Feature	Stop containers, clean cache and temp data, restart MarconiTT
Objective	Make a clean restart of MarconiTT by deleting useless data
Setup	edu-x08 with running docker

Test Data	Root privileges are needed
Test Actions	Bash command input: <pre>\$ docker-compose -f docker-compose-prod.yml down</pre> (or the alias: <code>ttdown</code>) <pre>\$ docker system prune -a</pre> Then restart the containers
Expected Results	System stops the application, deletes containers files, restarts MarconiTT

3 Test Cases: Timetable update

Test ID	3.1
Title	Timetable update
Feature	Automatically detect timetable files and update the timetable on the db
Objective	Simplify the timetable update process
Setup	edu-x08 with running docker, MarconiTT containers running
Test Data	Timetable files: GPU001.TXT, GPU004a.TXT
Test Actions	Copy timetable files into <code>/flussi_marconitt</code> on edu-x08 and wait
Expected Results	System automatically starts the update

4 Test Cases: Multiple day booking

Test ID	4.1
Title	Multiple day booking
Feature	Create a booking that will be repeated a specific number of weeks
Objective	Automatically book a room in a few clicks
Setup	Authorized access on MarconiTT
Test Data	Authorized user: Username: 17962 Password: RESERVED Booking info: Aula: L142 Classe: 5CI Ripetizione: 2 Giorno: 21/04/2020
Test Actions	1. Log in on MarconiTT using user credentials 2. Select the day to create the booking 3. Select the classroom and the repetition

4. Select the hour
5. Select for who is the booking
6. Click on 'Conferma'

Expected Results MarconiTT booking confirmation