

Room Loading Test Plan

Test ID	Test Goal	Test Setup	Expected result	Test Method
xml1	Test if the program can load a complete RoomData.xml file.	Copy NormalTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website should run with all room data from NormalTestRoomData.xml loaded onto the website.	Manual
xml2	Test if the program can load a RoomData.xml file, that has no traits.	Copy TraitlessTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website should run with all room data from NormalTestRoomData.xml loaded onto the website. Rooms will not list any traits	Manual
xml3	Test if the program can load a RoomData.xml file, that has no buildings.	Copy BuildinglessTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	An error stating no building data was found and the program will exit	Manual
xml4	Test if the program can load a RoomData.xml file, that has no floors.	Copy FloorlessTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	An error stating floors were missing from a building and the program will exit	Manual
xml5	Test if the program can load a RoomData.xml file, that has no rooms.	Copy RoomlessTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will run with all buildings and floors. No rooms will appear or be available.	Manual
xml6	Test if the program can load a RoomData.xml file, that uses incorrect XML syntax.	Copy BadXmlTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will encounter a runtime error and close.	Manual
xml7	Test if the program can load a RoomData.xml file, that is missing building ids.	Copy BuildingNoTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	Buildings without ids will not load. An error stating no building data was found and the program will exit	Manual
xml8	Test if the program can load a RoomData.xml file, that is missing floor ids.	Copy FloorNoTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	Floors without ids will not load. An error stating floors were missing from a building and the program will exit	Manual
xml9	Test if the program can load a RoomData.xml file, that is missing a room's calendar ID.	Copy CalendarIdTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will start but rooms that are have invalid room data will not be loaded or displayed.	Manual
xml10	Test if the program can load a RoomData.xml file, that is missing room button positional data.	Copy ButtonPosTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will start but rooms that are have invalid room data will not be loaded or displayed.	Manual
xml11	Test if the program can load a RoomData.xml file, that is missing floor images.	Copy FloorImgTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	Floors without image elements will not load. An error stating floors were missing from a building and the program will exit	Manual
xml12	Test if the program can load a RoomData.xml file, that contains an invalid scheduling tag (not "true" or "false").	Copy SchedulableTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will start but rooms that are have invalid room data will not be loaded or displayed.	Manual
xml13	Test if the program can load a RoomData.xml file, that is empty.	Copy EmptyTestRoomData.xml into the wwwroot folder for the web app, and rename it RoomData.xml. Run the website.	The website will encounter a runtime error and close.	Manual