# CTI-110: Introduction to File Systems - Assignment Instructions

**Objective:** The purpose of this assignment is to familiarize you with the basics of file systems. You will create a project directory for the CTI-110 class on your hard drive, add sub-folders, create a text file, and capture a screenshot.

Steps**:**

1. **Create a Project Folder:**  
   Navigate to the location on your hard drive where you want to create the folder. Right-click in the space, select 'New > Folder' from the context menu, name it 'CTI-110'.
2. **Create Sub-folders:**  
   Open your newly created 'CTI-110' folder, and create two new folders inside it. Name these folders 'Assignments' and 'Labs'.
3. **Create a Text File:**  
   Go into the 'Assignments' folder. Create a new text file, name it with your last name followed by '\_Lesson3.txt'. For example, if your last name is Smith, the file should be named 'Smith\_Lesson3.txt'.
4. **Fill in the Text File:**  
   Open the text file you just created, and enter the following:
   * Line 1: Your Full Name.
   * Line 2: The full path to the text file.
   * Line 3: The file creation time.
5. **Capture a Screenshot:**  
   Take a screenshot of your file system window (Finder on Mac, File Explorer on Windows), showing the 'CTI-110' folder, its sub-folders, and the text file you just created. Save this screenshot in the 'Assignments' folder.
6. **Upload Files to Blackboard:**  
   Upload both the text file and the screenshot to Blackboard.

Tips**:**

**Finding the Full Path:**

* + On Windows: Right-click on the file, select 'Properties', and find the location. Combine the location and file name to get the full path.
  + On Mac: Right-click on the file while holding down the 'Option' key, select 'Copy "filename" as Pathname'.

**Finding the File Creation Time:**

* + On Windows: Right-click on the file, select 'Properties', find the creation time under 'Created'.
  + On Mac: Right-click on the file, select 'Get Info', find the creation time under 'Created'.

## Assignment Rubric:

| **Criteria** | **Pass** | **Fail** |
| --- | --- | --- |
| Created the 'CTI-110' folder | Yes | No |
| Created 'Assignments' and 'Labs' sub-folders | Yes | No |
| Created and correctly named the text file | Yes | No |
| Correctly filled in the text file | Yes | No |
| Captured and saved the screenshot | Yes | No |
| Submitted the text file and screenshot on Blackboard | Yes | No |