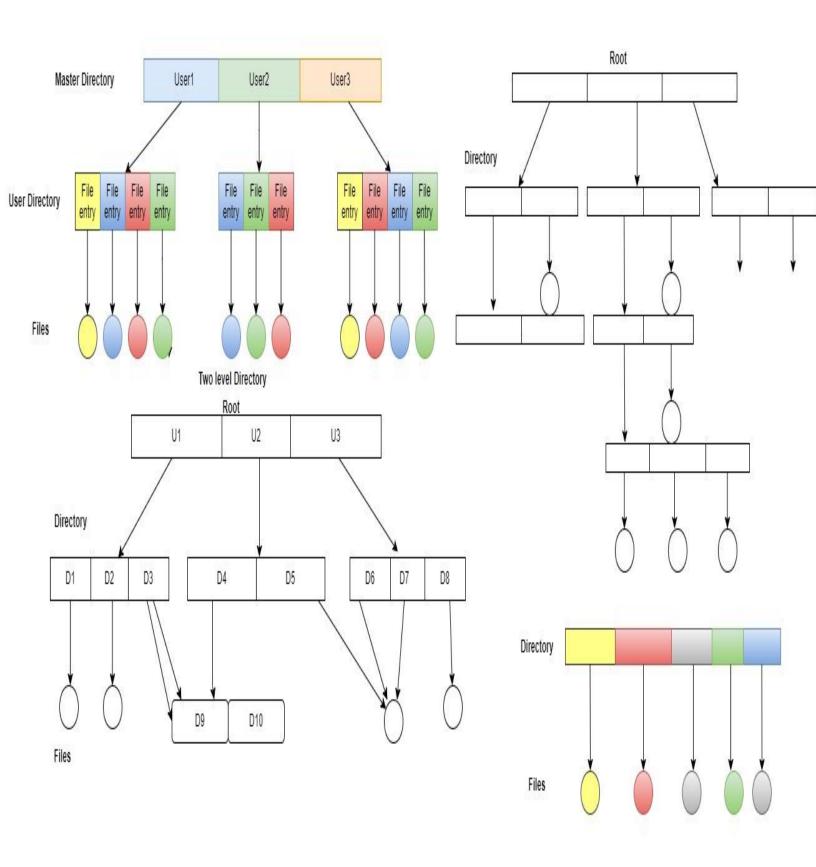
## DIRECTORY IMPLEMENTATION FLOWCHART



## **ALGORITHM**

STEP FIRST: CREATE A LIST OF DIRECTORIES THAT YOU WANT TO MAINTAIN. YOU CAN DO THIS BY USING THE LS COMMAND TO LIST THE DIRECTORIES IN THE CURRENT DIRECTORY, OR BY SPECIFYING A SPECIFIC PATH TO LIST THE DIRECTORIES IN THAT PATH.

STEP 2: CREATE A LOOP TO ITERATE THROUGH EACH DIRECTORY IN THE LIST. YOU CAN USE THE FOR LOOP TO DO THIS.

STEP 3: WITHIN THE LOOP, USE THE CD COMMAND TO CHANGE TO THE CURRENT DIRECTORY, AND THEN USE THE MKDIR COMMAND TO CREATE ANY MISSING DIRECTORIES.

STEP 4: AFTER CREATING THE MISSING DIRECTORIES, YOU CAN USE THE CHMOD COMMAND TO SET THE APPROPRIATE PERMISSIONS FOR EACH DIRECTORY.

STEP 5: FINALLY, USE THE CD COMMAND TO RETURN TO THE ORIGINAL DIRECTORY, AND THEN REPEAT THE PROCESS FOR THE NEXT DIRECTORY IN THE LIST.