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#!/bin/bash
# git_sync.sh - A stylish helper to sync your changes to GitHub.

# --- Color Definitions ---
export NC='\033[0m'
export WHITE='\033[1;37m'
export RED='\033[0;31m'
export PASTEL_TEAL='\033[1;36m'
export PASTEL_PURPLE='\033[1;35m'
export PASTEL_LIGHTBLUE='\033[1;34m'
export PASTEL_LIGHTGREEN='\033[1;32m'
export PASTEL_YELLOW='\033[1;33m'

# --- Functions ---

show_header() {
    clear
    echo -e "${PASTEL_TEAL}"
    echo " .d88b.  d8888888b d8888888b      .d8888. db      db d8b      db
.o88b. "
    echo " .8P  Y8.   \`88'   \`~~88~~'      88'   YP \`8b  d8'  888o
88 d8P  Y8  "
    echo " 88      88      88      88      \`8bo.   \`8bd8'  88V8o 88
8P      "
    echo " 88      88      88      88      \`Y8b.    88      88 V8o88
8b      "
    echo " \`8b  d8'   .88.      88      db   8D   88      88 V888
Y8b  d8  "
    echo " \`Y88P'  Y8888888P   YP      \`8888Y'   YP      VP      V8P
\`Y88P'  "
    echo -e "${NC}"
    echo -e
"${PASTEL_LIGHTBLUE}=====
=====
    echo -e "${WHITE}                Automated GitHub Synchronization
Tool                ${NC}"
    echo -e
"${PASTEL_LIGHTBLUE}=====
=====
    echo
}

check_git_status() {
    if ! command -v git &> /dev/null; then
        echo -e "${RED}Error: git is not installed.${NC}"
        exit 1
    fi
}

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        if [ ! -d ".git" ]; then
            echo -e "${RED}Error: This directory is not a git
repository.${NC}"
            echo -e "${WHITE}Run 'git init' and set up your remote origin
first.${NC}"
            exit 1
        fi
    }

sync_repo() {
    echo -e "${PASTEL_TEAL}Checking for changes...${NC}"

    # Check if there are changes to commit
    if [ -z "$(git status --porcelain)" ]; then
        echo -e "${PASTEL_LIGHTGREEN}No changes detected. Working tree
is clean.${NC}"
        exit 0
    fi

    echo -e "${WHITE}The following files have changed:${NC}"
    git status --short
    echo

    echo -e "${PASTEL_YELLOW}Adding all files (git add ...)${NC}"
    git add .

    # Prompt for commit message
    echo
    echo -e "${PASTEL_PURPLE}Enter a commit message:${NC}"
    read -p "> " commit_msg

    if [ -z "$commit_msg" ]; then
        commit_msg="Update via git_sync.sh helper"
        echo -e "${PASTEL_YELLOW}No message provided. Using default:
'$commit_msg'${NC}"
    fi

    echo -e "${PASTEL_TEAL}Committing changes...${NC}"
    git commit -m "$commit_msg"

    echo -e "${PASTEL_TEAL}Pushing to remote origin...${NC}"
    if git push; then
        echo
        echo -e "${PASTEL_PURPLE}
} "
        echo -e "${PASTEL_PURPLE} |
|${NC}"
    fi
}

```

```
echo -e "${PASTEL_PURPLE} |      ${PASTEL_LIGHTGREEN}  
Successfully pushed to GitHub!          ${PASTEL_PURPLE}  
|${NC}"  
  
    echo -e "${PASTEL_PURPLE} |  
|${NC}"  
  
    echo -e "${PASTEL_PURPLE}  
_____ }${NC}  
}"  
  
    else  
        echo -e "${RED}Failed to push to GitHub. Please check your  
internet or credentials.${NC}"  
    fi  
}  
  
# --- Main ---  
show_header  
check_git_status  
sync_repo
```