Minishell - Definition of Done

This document outlines the Definition of Done (DoD) for the Minishell project by team ShellFigtherz. All criteria listed below must be fulfilled for the project to be considered complete and ready for submission.

Functionality

[ ]   Prompt + user input works

[ ]   Tokenization implemented

[ ]   AST parser handles |, &&, || correctly

[ ]   Redirections supported: <, >, >>, <<

[ ]   All required builtins implemented (cd, echo, etc.)

[ ]   Signal handling for Ctrl-C and Ctrl-\

[ ]   Pipes functional across multiple commands

[ ]   Exit code ($?) updates correctly

[ ]   Heredoc (<<) works as expected

[ ]   Bonus: Command grouping with ( ) implemented (if bonus chosen)

Technical Correctness

[ ]   Valgrind: 0 memory leaks

[ ]   No double free or use-after-free errors

[ ]   Makefile includes: all, clean, fclean, re

[ ]   No warnings with -Wall -Wextra -Werror

[ ]   No segmentation faults on invalid input

[ ]   Only allowed functions used

Code Quality

[ ]   Code follows Norm (Norminette clean)

[ ]   Modular file structure (src/, includes/)

[ ]   Functions are small and testable

[ ]   Header files have include guards and meaningful comments

Defense Readiness

[ ]   Each team member can explain their code

[ ]   AST and execution logic are clearly understood

[ ]   Signals, Heredoc, and Memory management are demonstrable

[ ]   Documentation (flowcharts, roles, checklists) is available

Submission Preparedness

[ ]   Final git commit and push completed

[ ]   .gitignore excludes binaries and temp files

[ ]   No unwanted files (e.g., a.out, .DS_Store) present

[ ]   Final test run passes all expected behaviors

Use this checklist to verify that your project meets all expectations before submission.