

System Test Plan for Wolfpack Finance

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

Test ID	Description	Expected Results	Actual Results
test8.5InterestNotExpressDisbursementAug15 Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 25 Credit Score (300-850): 675 2022 Income: 15000 Loan Amount (1000-10000): 3500 Express Processing(y,n): n	Loan Amount: \$3500.00 Interest Rate: 8.5% Monthly Payment: \$86.27 Disbursement Date: Tue, 8 15 2023 Program Exits	Loan Amount: \$3500.0 Interest Rate: 8.5% Monthly Payment: \$86.27 Disbursement Date: Tue, 8 15 2023 Program Exits
test7.5InterestRateExpressProcessingDisbursementJuly2 Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 6 29 Credit Score (300-850): 825 2022 Income: 4000 Loan Amount (1000-10000): 9500 Express Processing(y,n): yeah	Loan Amount: \$9530.00 Interest Rate: 7.5% Monthly Payment: \$230.42 Disbursement Date: Sun, 7 2 2023 Program Exits	Loan Amount: \$9530.0a Interest Rate: 7.5% Monthly Payment: \$230.42 Disbursement Date: Sun, 7 2 2023 Program Exits

testLoanDeniedCredit 675IncomeTooLow Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 20 Credit Score (300-850): 675 2022 Income: 4515 Loan Amount (1000-10000): 3600 Express Processing(y,n): abc	Loan denied Program Exits	Loan denied Program Exits
testExpressProcessing IncreasesInterestRate Author: Mrs. Glatz	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 25 Credit Score (300-850): 675 2022 Income: 17500 Loan Amount (1000-10000): 3500 Express Processing(y,n): Y	Loan Amount: \$3530.00 Interest Rate: 8.5% Monthly Payment: \$87.01 Disbursement Date: Fri, 7 28 2023 Program Exits	Loan Amount: \$3530.0 Interest Rate: 8.5% Monthly Payment: \$87.01 Disbursement Date: Fri, 7 28 2023 Program Exits
testInvalidDateJunNearEndOfMonthBoundary Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 6 31	Invalid date Program Exits	Invalid date Program Exits

testInvalidCreditScoreTooLow Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 31 Credit Score (300-850): 250	Invalid credit score Program Exits	Invalid credit score Program Exits
testNegativeIncome Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 3 Credit Score (300-850): 567 2022 Income: -4	Invalid income Program Exits	Invalid income Program Exits
testInvalidLoanAmountTooLow Author: Dr. Balik	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 15 Credit Score (300-850): 760 2022 Income: 10025 Loan Amount (1000-10000): 999	Invalid loan amount Program Exits	Invalid loan amount Program Exits

testInvalidLoanAmountTooHigh Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 15 Credit Score (300-850): 760 2022 Income: 10025 Loan Amount (1000-10000): 12000	Invalid loan amount Program exits	Invalid loan amount Program exits
testInvalidCreditScoreTooHigh Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 15 Credit Score (300-850): 1000	Invalid credit score Program exits	Invalid credit score Program exits
testInvalidDateJuly32 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 32	Invalid date Program exits	Invalid date Program exits

testInvalidDateAug16 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 16	Invalid date Program exits	Invalid date Program exits
testInvalidDateMay Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 5 5	Invalid date Program exits	Invalid date Program exits
testInvalidDateJuly0 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 0	Invalid date Program exits	Invalid date Program exits
testLoanDeniedCreditTooLowIncome3TimesLoan Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 15 Credit Score (300-850): 320	Loan denied Program exits	Loan denied Program exits

	2022 Income: 15000 Loan Amount (1000-10000): 5000 Express Processing(y,n): n		
test9.0InteresCredit3 50ExpressProcessingD isbursementJuly15 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 7 12 Credit Score (300-850): 350 2022 Income: 10025 Loan Amount (1000-10000): 3000 Express Processing(y,n): y	Loan Amount: \$3030.00 Interest Rate: 9.0% Monthly Payment: \$74.66 Disbursement Date: Sat, 7 15 2023 Program Exits	Loan Amount: \$3030.00 Interest Rate: 9.0% Monthly Payment: \$74.66 Disbursement Date: Sat, 7 15 2023 Program Exits
test8.0InterestNotExp ressProcessingDisburs ementSep2 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 12 Credit Score (300-850): 600 2022 Income: 18000 Loan Amount (1000-10000): 3000 Express Processing(y,n): n	Loan Amount: \$3000.00 Interest Rate: 8.0% Monthly Payment: \$73.24 Disbursement Date: Sat, 9 2 2023 Program Exits	Loan Amount: \$3000.00 Interest Rate: 8.0% Monthly Payment: \$73.24 Disbursement Date: Sat, 9 2 2023 Program Exits

test9.0InterestCredit5 00ExpressProcessingD isbursementJuly15 Author: Riya Gunda	<i>Preconditions:</i> WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): 8 12 Credit Score (300-850): 500 2022 Income: 6000 Loan Amount (1000-10000): 3000 Express Processing(y,n): y	Loan Amount: \$3030.00 Interest Rate: 9.0% Monthly Payment: \$74.66 Disbursement Date: Tue, 8 15 2023 Program Exits	Loan Amount: \$3030.00 Interest Rate: 9.0% Monthly Payment: \$74.66 Disbursement Date: Tue, 8 15 2023 Program Exits
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