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	*Preconditions:* 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: $3500.00 Interest Rate: 8.5% Monthly Payment: $86.27 Disbursement Date: Tue, 8 15 2023
test7.5InterestRateExpressProcessingDisbursementJuly2 Author: Dr. Balik	*Preconditions:* 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: $9530.00 Interest Rate: 7.5% Monthly Payment: $230.42 Disbursement Date: Sun, 7 2 2023 Program Exits

testLoanDeniedCredit675IncomeTooLow Author: Dr. Balik	*Preconditions:* 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
testExpressProcessingIncreasesInterestRate Author: Mrs. Glatz	*Preconditions:* 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: $3530.00 Interest Rate: 8.5% Monthly Payment: $87.01 Disbursement Date: Fri, 7 28 2023 Program Exits
testInvalidDateJunNearEndofMonthBoundary Author: Dr. Balik	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **6 31**	Invalid date Program Exits	Invalid date Program Exits

testInvalidCreditScoreTooLow Author: Dr. Balik	*Preconditions:* 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	*Preconditions:* 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	*Preconditions:* 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:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **8 15** Credit Score (300-850): **760** 2022 Income: **10025** Loan Amount (1000-10000): **10001**	Invalid Loan Amount Program Exits	Invalid loan amount Program Exits
testInvalidCreditScoreTooHigh Author:	*Preconditions:* WolfpackFinance program started <<Header> Month Day (e.g., 6 9): **8 15** Credit Score (300-850): **900**	Invalid Credit Score Program Exits	Invalid Credit Score Program Exits
testInvalidDateJuly32 Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **7 32**	Invalid date Program Exits	Invalid date Program Exits
testInvalidDateAug16	*Preconditions:* WolfpackFinance program started	Invalid date	Invalid date

Author:	<<Header>> Month Day (e.g., 6 9): **8 16**	Program Exits	Program Exits
testInvalidDateMay Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **5 15**	Invalid date Program Exits	Invalid date Program Exits
testInvalidDateJuly0 Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **7 0**	Invalid date Program Exits	Invalid date Program Exits
testLoanDeniedCredit TooLowIncome3Time sLoan Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **8 15** Credit Score (300-850): **250** 2022 Income: **3000**	Invalid Credit Program Exits	Invalid Credit Program Exits

	Loan Amount (1000-10000): **1000** Express Processing(y,n): **n**		
test9.0InteresCredit350ExpressProcessingDisbursementJuly15 Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **7 12** Credit Score (300-850): **350** 2022 Income: **2060** Loan Amount (1000-10000): **1000** Express Processing(y,n): **y**	Loan Amount: $1030 Interest Rate: 9% Monthly Payment: $25.63 Disbursement Date: Sat, 7 15 2023 Program Exits	Loan Amount: $1030 Interest Rate: 9% Monthly Payment: $25.63 Disbursement Date: Sat, 7 15 2023 Program Exits
test8.0InterestNotExpressProcessingDisbursementSep2 Author:	*Preconditions:* WolfpackFinance program started <<Header>> Month Day (e.g., 6 9): **8 12** Credit Score (300-850): **715** 2022 Income: **10025** Loan Amount (1000-10000): **1000** Express Processing(y,n): **n**	Loan Amount: $1000 Interest Rate: 8% Monthly Payment: $24.41 Disbursement Date: Sat, 9 2 2023 Program Exits	Loan Amount: $1000 Interest Rate: 8% Monthly Payment: $24.41 Disbursement Date: Sat, 9 2 2023 Program Exits
test9.0InterestCredit500ExpressProcessingDisbursementJuly15 Author:	*Preconditions:* WolfpackFinance program started <<Header>>	Loan Amount: $1030 Interest Rate: 9% Monthly Payment: $25.63 Disbursement Date:Sat,7 15 2023	Loan Amount: $1030 Interest Rate: 9% Monthly Payment: $25.63 Disbursement Date:Sat,7 15 2023

Author:	Month Day (e.g., 6 9): 7 12 Credit Score (300-850):500 2022 Income: **2060** Loan Amount (1000-10000): **1000** Express Processing(y,n): **y**	Program Exits	Program Exits