

SPŠE Ječná Test Case

Test Case ID: GUI_ERR_HAND_03	Test Designed by: Martin Říha
Test Name: Error Handling with Missing or Invalid Files	
Brief description: This test verifies how the application behaves when models or encoders are missing or corrupted.	
Pre-conditions: 1. GUI and environment correctly configured.	
Dependencies and Requirements: Ability to rename or temporarily move/delete files	

Step	Test Steps	Test Data	Expected Result	Notes
1	Temporarily remove my_lr_model.pkl file	Rename or move file	GUI warns about missing Linear Regression model	
2	Start GUI application (python app.py)	None	Application still launches, warning displayed clearly	
3	Attempt to predict with "Linear Regression"	Click "Predikuj Cenu"	Error clearly displayed in GUI, no crash	
4	Restore the file, then remove my_label_encoders.pkl	Rename or move file	Warning on encoders missing in terminal	GUI dropdowns fallback to default values
5	Attempt prediction again with missing encoders	Valid attribute selections	Successful prediction or clear GUI error	

Expected Outcome: Application handles file-related errors gracefully with appropriate warnings and does not crash.