Epoch 1/25, Train Loss: 1.4105, Val Loss: 2.3205, Val Accuracy: 34.50%, Val Precision: 0.1433, Val Recall: 0.3450, Val F1 Score: 0.1999

Epoch 2/25, Train Loss: 1.2178, Val Loss: 1.0967, Val Accuracy: 56.75%, Val Precision: 0.5824, Val Recall: 0.5675, Val F1 Score: 0.5656

Epoch 3/25, Train Loss: 1.1223, Val Loss: 1.0594, Val Accuracy: 58.50%, Val Precision: 0.5921, Val Recall: 0.5850, Val F1 Score: 0.5779

Epoch 4/25, Train Loss: 1.0983, Val Loss: 1.0333, Val Accuracy: 60.75%, Val Precision: 0.5956, Val Recall: 0.6075, Val F1 Score: 0.5934

Epoch 5/25, Train Loss: 1.0538, Val Loss: 1.0993, Val Accuracy: 54.00%, Val Precision: 0.5832, Val Recall: 0.5400, Val F1 Score: 0.5461

Epoch 6/25, Train Loss: 1.0354, Val Loss: 0.9865, Val Accuracy: 62.00%, Val Precision: 0.6052, Val Recall: 0.6200, Val F1 Score: 0.6104

Epoch 7/25, Train Loss: 0.9693, Val Loss: 0.9503, Val Accuracy: 64.00%, Val Precision: 0.6438, Val Recall: 0.6400, Val F1 Score: 0.6361

Epoch 8/25, Train Loss: 0.8731, Val Loss: 0.9502, Val Accuracy: 63.50%, Val Precision: 0.6396, Val Recall: 0.6350, Val F1 Score: 0.6336

Epoch 9/25, Train Loss: 0.8697, Val Loss: 0.9458, Val Accuracy: 63.00%, Val Precision: 0.6361, Val Recall: 0.6300, Val F1 Score: 0.6291

Epoch 10/25, Train Loss: 0.8437, Val Loss: 0.9360, Val Accuracy: 64.75%, Val Precision: 0.6546, Val Recall: 0.6475, Val F1 Score: 0.6485

Epoch 11/25, Train Loss: 0.8263, Val Loss: 0.9283, Val Accuracy: 65.00%, Val Precision: 0.6548, Val Recall: 0.6500, Val F1 Score: 0.6493

Epoch 12/25, Train Loss: 0.7974, Val Loss: 0.9308, Val Accuracy: 65.00%, Val Precision: 0.6542, Val Recall: 0.6500, Val F1 Score: 0.6498

Epoch 13/25, Train Loss: 0.8285, Val Loss: 0.9274, Val Accuracy: 66.00%, Val Precision: 0.6670, Val Recall: 0.6600, Val F1 Score: 0.6609

Epoch 14/25, Train Loss: 0.7630, Val Loss: 0.9298, Val Accuracy: 66.50%, Val Precision: 0.6725, Val Recall: 0.6650, Val F1 Score: 0.6663

Epoch 15/25, Train Loss: 0.7818, Val Loss: 0.9287, Val Accuracy: 66.25%, Val Precision: 0.6727, Val Recall: 0.6625, Val F1 Score: 0.6645

Epoch 16/25, Train Loss: 0.7482, Val Loss: 0.9325, Val Accuracy: 65.75%, Val Precision: 0.6678, Val Recall: 0.6575, Val F1 Score: 0.6592

Epoch 17/25, Train Loss: 0.7533, Val Loss: 0.9250, Val Accuracy: 67.00%, Val Precision: 0.6780, Val Recall: 0.6700, Val F1 Score: 0.6713

Epoch 18/25, Train Loss: 0.7646, Val Loss: 0.9274, Val Accuracy: 65.75%, Val Precision: 0.6694, Val Recall: 0.6575, Val F1 Score: 0.6593

Epoch 19/25, Train Loss: 0.7502, Val Loss: 0.9258, Val Accuracy: 66.75%, Val Precision: 0.6791, Val Recall: 0.6675, Val F1 Score: 0.6700

Epoch 20/25, Train Loss: 0.7671, Val Loss: 0.9272, Val Accuracy: 66.00%, Val Precision: 0.6703, Val Recall: 0.6600, Val F1 Score: 0.6615

Epoch 21/25, Train Loss: 0.7655, Val Loss: 0.9238, Val Accuracy: 66.50%, Val Precision: 0.6756, Val Recall: 0.6650, Val F1 Score: 0.6678

Epoch 22/25, Train Loss: 0.7667, Val Loss: 0.9284, Val Accuracy: 66.50%, Val Precision: 0.6757, Val Recall: 0.6650, Val F1 Score: 0.6672

Epoch 23/25, Train Loss: 0.7592, Val Loss: 0.9257, Val Accuracy: 66.75%, Val Precision: 0.6773, Val Recall: 0.6675, Val F1 Score: 0.6695

Epoch 24/25, Train Loss: 0.7685, Val Loss: 0.9326, Val Accuracy: 65.25%, Val Precision: 0.6674, Val Recall: 0.6525, Val F1 Score: 0.6555

Epoch 25/25, Train Loss: 0.7367, Val Loss: 0.9261, Val Accuracy: 66.50%, Val Precision: 0.6769, Val Recall: 0.6650, Val F1 Score: 0.6675



