Loaded data shape: (8447, 1000, 28) (epochs, time\_points, channels)

Epoch 1/100 | Train Loss: 0.5592 | Val Loss: 0.5558 | Accuracy: 56.51%

Epoch 2/100 | Train Loss: 0.5220 | Val Loss: 0.5006 | Accuracy: 57.10%

Epoch 3/100 | Train Loss: 0.4972 | Val Loss: 0.4910 | Accuracy: 55.92%

Epoch 4/100 | Train Loss: 0.4790 | Val Loss: 0.4885 | Accuracy: 70.53%

Epoch 5/100 | Train Loss: 0.4701 | Val Loss: 0.4650 | Accuracy: 57.63%

Epoch 6/100 | Train Loss: 0.4617 | Val Loss: 0.4622 | Accuracy: 61.66%

Epoch 7/100 | Train Loss: 0.4588 | Val Loss: 0.4578 | Accuracy: 57.34%

Epoch 8/100 | Train Loss: 0.4544 | Val Loss: 0.4504 | Accuracy: 66.15%

Epoch 9/100 | Train Loss: 0.4583 | Val Loss: 0.4482 | Accuracy: 62.07%

Epoch 10/100 | Train Loss: 0.4510 | Val Loss: 0.4529 | Accuracy: 55.92%

Epoch 11/100 | Train Loss: 0.4500 | Val Loss: 0.4493 | Accuracy: 62.43%

Epoch 12/100 | Train Loss: 0.4465 | Val Loss: 0.4463 | Accuracy: 60.77%

Epoch 13/100 | Train Loss: 0.4480 | Val Loss: 0.4482 | Accuracy: 68.11%

Epoch 14/100 | Train Loss: 0.4490 | Val Loss: 0.4573 | Accuracy: 53.67%

Epoch 15/100 | Train Loss: 0.4444 | Val Loss: 0.4429 | Accuracy: 69.35%

Epoch 16/100 | Train Loss: 0.4422 | Val Loss: 0.4431 | Accuracy: 71.83%

Epoch 17/100 | Train Loss: 0.4415 | Val Loss: 0.4531 | Accuracy: 71.12%

Epoch 18/100 | Train Loss: 0.4435 | Val Loss: 0.4523 | Accuracy: 62.37%

Epoch 19/100 | Train Loss: 0.4385 | Val Loss: 0.4482 | Accuracy: 75.92%

Epoch 20/100 | Train Loss: 0.4400 | Val Loss: 0.4444 | Accuracy: 70.47%

Epoch 21/100 | Train Loss: 0.4384 | Val Loss: 0.4442 | Accuracy: 72.84%

Epoch 22/100 | Train Loss: 0.4290 | Val Loss: 0.4406 | Accuracy: 73.79%

Epoch 23/100 | Train Loss: 0.4283 | Val Loss: 0.4358 | Accuracy: 65.03%

Epoch 24/100 | Train Loss: 0.4303 | Val Loss: 0.4434 | Accuracy: 76.21%

Epoch 25/100 | Train Loss: 0.4288 | Val Loss: 0.4346 | Accuracy: 64.56%

Epoch 26/100 | Train Loss: 0.4268 | Val Loss: 0.4339 | Accuracy: 73.02%

Epoch 27/100 | Train Loss: 0.4258 | Val Loss: 0.4338 | Accuracy: 68.28%

Epoch 28/100 | Train Loss: 0.4282 | Val Loss: 0.4322 | Accuracy: 66.75%

Epoch 29/100 | Train Loss: 0.4267 | Val Loss: 0.4422 | Accuracy: 58.99%

Epoch 30/100 | Train Loss: 0.4263 | Val Loss: 0.4332 | Accuracy: 65.86%

Epoch 31/100 | Train Loss: 0.4259 | Val Loss: 0.4337 | Accuracy: 61.66%

Epoch 32/100 | Train Loss: 0.4251 | Val Loss: 0.4327 | Accuracy: 69.17%

Epoch 33/100 | Train Loss: 0.4241 | Val Loss: 0.4342 | Accuracy: 65.56%

Epoch 34/100 | Train Loss: 0.4247 | Val Loss: 0.4354 | Accuracy: 70.77%

Epoch 35/100 | Train Loss: 0.4204 | Val Loss: 0.4312 | Accuracy: 71.54%

Epoch 36/100 | Train Loss: 0.4213 | Val Loss: 0.4376 | Accuracy: 74.44%

Epoch 37/100 | Train Loss: 0.4209 | Val Loss: 0.4306 | Accuracy: 67.87%

Epoch 38/100 | Train Loss: 0.4193 | Val Loss: 0.4286 | Accuracy: 66.45%

Epoch 39/100 | Train Loss: 0.4188 | Val Loss: 0.4392 | Accuracy: 75.80%

Epoch 40/100 | Train Loss: 0.4193 | Val Loss: 0.4288 | Accuracy: 68.99%

Epoch 41/100 | Train Loss: 0.4178 | Val Loss: 0.4305 | Accuracy: 66.04%

Epoch 42/100 | Train Loss: 0.4206 | Val Loss: 0.4333 | Accuracy: 71.83%

Epoch 43/100 | Train Loss: 0.4182 | Val Loss: 0.4292 | Accuracy: 66.80%

Epoch 44/100 | Train Loss: 0.4180 | Val Loss: 0.4319 | Accuracy: 68.64%

Epoch 45/100 | Train Loss: 0.4153 | Val Loss: 0.4285 | Accuracy: 71.30%

Epoch 46/100 | Train Loss: 0.4173 | Val Loss: 0.4377 | Accuracy: 78.22%

Epoch 47/100 | Train Loss: 0.4151 | Val Loss: 0.4264 | Accuracy: 65.98%

Epoch 48/100 | Train Loss: 0.4139 | Val Loss: 0.4351 | Accuracy: 74.67%

Epoch 49/100 | Train Loss: 0.4171 | Val Loss: 0.4307 | Accuracy: 70.12%

Epoch 50/100 | Train Loss: 0.4144 | Val Loss: 0.4334 | Accuracy: 59.82%

Epoch 51/100 | Train Loss: 0.4132 | Val Loss: 0.4292 | Accuracy: 69.70%

Epoch 52/100 | Train Loss: 0.4147 | Val Loss: 0.4296 | Accuracy: 68.40%

Epoch 53/100 | Train Loss: 0.4137 | Val Loss: 0.4319 | Accuracy: 71.54%

Epoch 54/100 | Train Loss: 0.4136 | Val Loss: 0.4372 | Accuracy: 75.80%

Epoch 55/100 | Train Loss: 0.4125 | Val Loss: 0.4304 | Accuracy: 67.81%

Epoch 56/100 | Train Loss: 0.4143 | Val Loss: 0.4293 | Accuracy: 69.94%

Epoch 57/100 | Train Loss: 0.4124 | Val Loss: 0.4309 | Accuracy: 65.27%

Epoch 58/100 | Train Loss: 0.4114 | Val Loss: 0.4326 | Accuracy: 61.54%

Epoch 59/100 | Train Loss: 0.4124 | Val Loss: 0.4294 | Accuracy: 71.12%

Epoch 60/100 | Train Loss: 0.4127 | Val Loss: 0.4303 | Accuracy: 71.54%

Epoch 61/100 | Train Loss: 0.4115 | Val Loss: 0.4292 | Accuracy: 67.75%

Epoch 62/100 | Train Loss: 0.4118 | Val Loss: 0.4289 | Accuracy: 68.34%

Epoch 63/100 | Train Loss: 0.4123 | Val Loss: 0.4280 | Accuracy: 68.88%

Epoch 64/100 | Train Loss: 0.4123 | Val Loss: 0.4290 | Accuracy: 67.69%

Epoch 65/100 | Train Loss: 0.4125 | Val Loss: 0.4276 | Accuracy: 67.75%

Epoch 66/100 | Train Loss: 0.4121 | Val Loss: 0.4295 | Accuracy: 62.96%

Epoch 67/100 | Train Loss: 0.4125 | Val Loss: 0.4291 | Accuracy: 66.80%

Epoch 68/100 | Train Loss: 0.4112 | Val Loss: 0.4298 | Accuracy: 70.89%

Epoch 69/100 | Train Loss: 0.4137 | Val Loss: 0.4308 | Accuracy: 68.99%

Epoch 70/100 | Train Loss: 0.4109 | Val Loss: 0.4300 | Accuracy: 69.11%

Epoch 71/100 | Train Loss: 0.4106 | Val Loss: 0.4310 | Accuracy: 66.98%

Epoch 72/100 | Train Loss: 0.4116 | Val Loss: 0.4301 | Accuracy: 69.11%

Epoch 73/100 | Train Loss: 0.4101 | Val Loss: 0.4288 | Accuracy: 70.12%

Epoch 74/100 | Train Loss: 0.4120 | Val Loss: 0.4292 | Accuracy: 66.27%

Epoch 75/100 | Train Loss: 0.4127 | Val Loss: 0.4287 | Accuracy: 67.93%

Epoch 76/100 | Train Loss: 0.4112 | Val Loss: 0.4310 | Accuracy: 66.09%

Epoch 77/100 | Train Loss: 0.4103 | Val Loss: 0.4297 | Accuracy: 71.95%

Epoch 78/100 | Train Loss: 0.4114 | Val Loss: 0.4332 | Accuracy: 74.85%

Epoch 79/100 | Train Loss: 0.4125 | Val Loss: 0.4323 | Accuracy: 69.59%

Epoch 80/100 | Train Loss: 0.4130 | Val Loss: 0.4294 | Accuracy: 64.08%

Epoch 81/100 | Train Loss: 0.4107 | Val Loss: 0.4333 | Accuracy: 69.23%

Epoch 82/100 | Train Loss: 0.4110 | Val Loss: 0.4279 | Accuracy: 67.46%

Epoch 83/100 | Train Loss: 0.4116 | Val Loss: 0.4322 | Accuracy: 74.26%

Epoch 84/100 | Train Loss: 0.4104 | Val Loss: 0.4296 | Accuracy: 73.08%

Epoch 85/100 | Train Loss: 0.4108 | Val Loss: 0.4295 | Accuracy: 67.99%

Epoch 86/100 | Train Loss: 0.4108 | Val Loss: 0.4308 | Accuracy: 68.93%

Epoch 87/100 | Train Loss: 0.4112 | Val Loss: 0.4282 | Accuracy: 68.88%

Epoch 88/100 | Train Loss: 0.4111 | Val Loss: 0.4306 | Accuracy: 63.25%

Epoch 89/100 | Train Loss: 0.4096 | Val Loss: 0.4326 | Accuracy: 70.36%

Epoch 90/100 | Train Loss: 0.4113 | Val Loss: 0.4294 | Accuracy: 70.59%

Epoch 91/100 | Train Loss: 0.4116 | Val Loss: 0.4304 | Accuracy: 66.75%

Epoch 92/100 | Train Loss: 0.4108 | Val Loss: 0.4290 | Accuracy: 71.30%

Epoch 93/100 | Train Loss: 0.4105 | Val Loss: 0.4308 | Accuracy: 74.08%

Epoch 94/100 | Train Loss: 0.4099 | Val Loss: 0.4282 | Accuracy: 67.99%

Epoch 95/100 | Train Loss: 0.4110 | Val Loss: 0.4286 | Accuracy: 68.58%

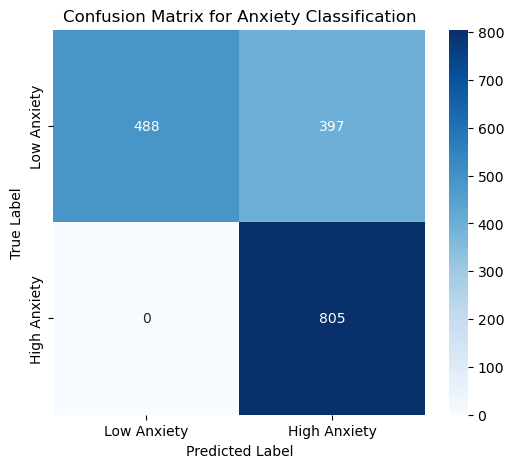
Epoch 96/100 | Train Loss: 0.4111 | Val Loss: 0.4288 | Accuracy: 69.35%

Epoch 97/100 | Train Loss: 0.4125 | Val Loss: 0.4293 | Accuracy: 67.63%

Epoch 98/100 | Train Loss: 0.4107 | Val Loss: 0.4316 | Accuracy: 72.54%

Epoch 99/100 | Train Loss: 0.4114 | Val Loss: 0.4287 | Accuracy: 69.41%

Epoch 100/100 | Train Loss: 0.4116 | Val Loss: 0.4309 | Accuracy: 71.12%



Classification Report:

precision recall f1-score support

Low Anxiety 1.00 0.55 0.71 885

High Anxiety 0.67 1.00 0.80 805

accuracy 0.77 1690

macro avg 0.83 0.78 0.76 1690

weighted avg 0.84 0.77 0.75 1690