LIST OF IMAGES

Figure 3. 1 Entity Relationship Diagram Psyche App....20
Figure 3. 2 Unified Modeling Language Psyche App....21
Figure 3. 3 Flowchart Home Page....24
Figure 3. 4 Flowchart Dashboard Page....25
Figure 3. 5 Findings from nitter that can still be used for scraping....64

Figure 4. 1 ntscraper....32
Figure 4. 2 Login With Twitter....33
Figure 4. 3 Predict Personality....34
Figure 4. 4 Home Page....34
Figure 4. 5 Authorization Page....35
Figure 4. 6 Dashboard Tweets....35
Figure 4. 7 Dashboard Tweets History....36
Figure 4. 8 Predict Personality....36
Figure 4. 9 libraries required to clean the data....37
Figure 4. 10 cleans the raw dataset....38
Figure 4. 11 Cleaned dataset....38
Figure 4. 12 gradient boosting....39
Figure 4. 13 The gradient boosting model accuracy and training duration....39
Figure 4. 14 XGBoost model....40
Figure 4. 15 The XGBoost model accuracy and training duration....41
Figure 4. 16 CatBoost model's....42
Figure 4. 17 The CatBoost model accuracy and training duration....42
Figure 4. 18 Train Model XGBoost 1....43
Figure 4. 19 Accuracy Model Xgboost 1....44
Figure 4. 20 Train Model XGBoost 2....45
Figure 4. 21 Accuracy Model Xgboost 2....45
Figure 4. 22 Train Model XGBoost 3....46
Figure 4. 23 Accuracy Model Xgboost 3....46
Figure 4. 24 Train Model XGBoost 4....47
Figure 4. 25 Accuracy Model Xgboost 4....47
Figure 4. 26 Train Model XGBoost 5....48

Figure 4. 27 Accuracy Model Xgboost 5.....48
Figure 4. 28 Train Model XGBoost 6.....49
Figure 4. 29 Accuracy Model Xgboost 6.....49
Figure 4. 30 Train Model XGBoost 7.....50
Figure 4. 31 Accuracy Model Xgboost 7.....50
Figure 4. 32 Train Model XGBoost 8.....51
Figure 4. 33 Accuracy Model Xgboost 8.....51
Figure 4. 34 Train Model XGBoost 9.....52
Figure 4. 35 Accuracy Model Xgboost 9.....52
Figure 4. 36 Converts the original CSV dataset into JSONL.....54
Figure 4. 37 Imports the openai package.....54
Figure 4. 38 uploads training and validation files to OpenAI.....54
Figure 4. 39 Creates a fine-tuning task by utilizing the ID.....55
Figure 4. 40 Fine Tunig Job.....55
Figure 4. 41 Fine tuned model.....55
Figure 4. 42 Request to the OpenAI API.....55
Figure 4. 43 Predictions from the model and read the dataset.....56
Figure 4. 44 calculates the accuracy of the model.....56
Figure 4. 45 Shows that the accuracy of the GPT model.....57

Figure 5. 1 Display of additional software from Ngrok.....70
Figure 5. 2 URL provided from Ngrok.....70