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