Question 1 – Dispute Handler

Explanation to the different Node.js files in the folder and their functionality:

* AI\_Classifier.js – Sets up server, run configurations, requests from local host. Essentially the main file to run as it creates objects of the other 2 files within it.
* DisputeClassifier.js – The AI/ML logic to classifying disputes.
* PriorityAssigner.js – Redirecting and labelling disputes.
* mockDB.js – The low-code database to store intermediate data.
* Index.html – A simple UI to accept user inputs.

## Setup Instructions

1. \*\*Create Project Directory\*\*

```bash

mkdir dispute-handler

cd dispute-handler

```

2. \*\*Initialize Node Project\*\*

```bash

npm init -y

```

3. \*\*Install Dependencies\*\*

```bash

npm install express body-parser cors natural @tensorflow/tfjs node-fetch@2 csv-parser

```

4. \*\*Create Project Files\*\*

- Create the `public` folder and add `index.html` and `styles.css`

- Create `DisputeClassifier.js`, `PriorityAssigner.js`, `training-data.js`, and `app.js`

- Copy the provided code into each respective file

5. \*\*Start the Server\*\*

```bash

node app.js

```

6. \*\*Access the Application\*\*

- Open your web browser

- Visit `http://localhost:3000`