Meeting Summary Report

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Brief Overview

This meeting focused on the development and deployment of an AI-based system. Key topics discussed included: - Docker containerization of AI/ML applications - Project scope definition and data set characteristics - Research plans for anomaly detection and fraud detection - Task delegation and implementation planning

Participants

- **Brennan Bryan** (Speaking time: 1.8 minutes)
- **Niall Austin** (Speaking time: 2.5 minutes)
- **Brian Ford** (Speaking time: 0.6 minutes)
- **Danny Grandison** (Speaking time: 1.6 minutes)
- **Imani Montgomery** (Speaking time: 1.9 minutes)

Action Items and Tasks by Participant

Brennan Bryan

Action Items:

- Develop an understanding of machine learning pipeline
- Determine specific characteristics for the data set to train the AI model on
- Demonstrate the AI model later on
- Use anomaly types for fraud discussions
- Submit meeting minutes and individual sprint retrospective by a specific date
- Complete developing the Flask AI app
- Deploy the Flask AI app

Future References:

- Submit meeting minutes and individual sprint retrospective by a specific date (Deadline: a specific date) Context: From meeting discussion
- Deadline for deploying the Flask AI app (Deadline: None) Context: From meeting discussion

Niall Austin

Brian Ford

Action Items:

- Research and explore Docker as a potential tool for application environments.
- Set up Docker and test running applications independently.
- Investigate hosting machine learning or AI applications on Docker.

Future References:

- Follow up on setting up Docker after the meeting. (Deadline: None) Context: From meeting discussion
- Set a deadline for researching and testing Docker functionality. (Deadline: None) Context: From meeting discussion
- Schedule a review meeting to discuss the feasibility of hosting machine learning or AI applications on Docker. (Deadline: None) Context: From meeting discussion

Danny Grandison

Imani Montgomery

Action Items:

- Research and understand how to detect fraudulent activities by examining how others do it.
- Visualize categorized anomalies within the dataset by creating a column specifically for each anomaly.
- Experiment with utilizing a server like GU unicorn instead of Flask for better performance.
- Work on scaling up the project to ensure the page shows up properly.

Future References:

- Follow up on implementing a more sophisticated server like GU unicorn instead of Flask for the project's deployment. (Deadline: None) Context: From meeting discussion
- Ensure the visualization of categorized anomalies within the dataset is completed by a certain deadline. (Deadline: a certain deadline) Context: From meeting discussion