Project Meeting Minutes

Date of meeting(s): 22/03/23

Group members present (Name, ID):

- Sai Abhiram Gundala Parthasarathy , 0779155
- Brahma Teja Dasarraju Venkata, 0787625
- Pavan Kumar Morasa, 0783875
- Shweta Sharma , 0795669
- Yamini Bhupendrakumar Prajapati , 0793972

All team members were present in the meeting.

Specific Activities from prior week:

Name	Activities
Sai Abhiram GP	- Concluded the third meeting with representatives from the CW-E and relevant school boards. - Acquired CW-preview dataset. - Used Python to perform data manipulation and exploratory data analysis. - A built-in decision tree model that forecasts internet speed.
Bramha Teja Dassaraju Venkata	- Investigated the impact of speed owing to the internet. - Added a new column to the dataset called "Weather." - Converted the same to metric units. - Developed a model for data assessment.
Pavan Kumar Morasa	- Created two new columns in the dataset, "Upload speed by weather" and "Download speed by weather," and converted each from kbps to mbps. - Encouraged by EDA
Yamini Bhupendrakumar Prajapati	- Assistance with Data Assessment. - A new column called "Traceroute IP address" was designed based on the study and stakeholder conference. - created power point presentations for the analysis and submitted them for assessment and comment to the stakeholder.
Shwetha Sharma	- Conducted a Tableau visual analysis of Latency, Jitter, Distance, and Speed and added the results to presentations. - Assistance with Data Manipulation

Specific Output from prior week:

On Target: -   Built Data Assessment Model
  ☐   Indicate the current status of your item(s)/ Developed new variables "Weather", "Upload speed by
              Weather", "IP address(Traceroute)", "Download Speed by weather" and
         o   Yellow – Actual edited word respectively. Actual did used are provided in the upcoming week by the respective
         -schedule—you may need to adjust deadlines in our timeline. Exploratory Data analysis to raise statistics using Python.
         -   **Tableau visual analysis** based on effects of **Latency, Jitter and Distance
              on speed**.
Challenges/Disagreements:
  ☐   List any challenges/disagreements Created Powerpoint Slides based on the analysis and **reported** the same
              to stakeholders.
         Minor challenges while developing new variables like Weather, Upload speed by weather and Grasped addition knowledge based on submitted report's **review** and **feedback**
         Download speed by weather.

Planned Activities for coming week:
  ☐   List brief description of activities by group member

Name	Activities
Sai Abhiram GP	- Conducted weather data research. - Analysis on utilization by applications. - Completion of decision tree model
Bramha Teja Dassarraju Venkata	- Created new variables like rain severity. - Supporting EDA
Pavan Kumar Morasa	- Created new variable wind speed. - Supporting ML Models.
Yamini Bhupendrakumar Prajapati	- Completion of Project Charter. - Created new variable snow precipitation
Shweta Sharma	- Performing Tableau analysis and dashboards based on the developed dataset. - Created new variable snow severity.