

Project Meeting Minutes

Date of meeting(s): 23/02/23

Group members present (Name, ID):

- Sai Abhiram Gundala Parthasarathy , 0779155
- Brahma Teja Dasaraju 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	<ul style="list-style-type: none">- Completed 3rd meeting with stakeholders from the CW-E and respective school boards.- Obtained preview dataset from CW-E.- Performed Data Manipulation and Exploratory Data Analysis using python.- Built Decision Tree Model to predict internet speed.
Bramha Teja Dassaraju Venkata	<ul style="list-style-type: none">- Researched on the effect of speed due to internet.- Developed a new column "Weather" in the dataset.- Performed metric conversions for the same.- Built data assessment model.
Pavan Kumar Morasa	<ul style="list-style-type: none">- Developed new columns in dataset namely "Upload speed by Weather" and "Download Speed by weather" and performed conversions from kbps to mbps respectively.- Supported in EDA
Yamini Bhupendrakumar Prajapati	<ul style="list-style-type: none">- Supported in Data Assessment.- Based on the research and stakeholder meeting, developed new column "Traceroute IPaddress".- Created power point slides for the analysis and reported the same to stakeholder for review and feedback.
Shwetha Sharma	<ul style="list-style-type: none">- Performed Tableau visual analysis with respect to Latency, Jitter, Distance, Speed and included the same in slides.- Supported in Data Manipulation

Specific Output from prior week:

- Built Data Assessment Model
- Developed new variables “**Weather**”, “**Upload speed by Weather**”, “**IPaddress(Traceroute)**”, “**Download Speed by weather**” and manipulated the data respectively.
- **Exploratory Data analysis** and basic **statistics** using Python.
- **Tableau visual analysis** based on effects of **Latency, Jitter and Distance on speed**.
- Created **Powerpoint Slides** based on the analysis and **reported** the same to stakeholders.
- Grasped addition knowledge based on submitted report’s **review** and **feedback**

On Target:

- Indicate the current status of your project
 - **Yellow**: Actual dataset would be provided in the upcoming week by the respective school boards this may lead to a slight delay in our timeline.

Challenges/Disagreements:

- List any challenges identified/discussed and possible solutions

Minor challenges while developing new variables like Weather, Upload speed by weather and Download speed by weather.

Planned Activities for coming week:

- List brief description of activities by group member

Name	Activities
Sai Abhiram GP	<ul style="list-style-type: none">- Additional research on speed due to weather- Analysis on utilization by applications.- Completion of decision tree model
Bramha Teja Dassarraju Venkata	<ul style="list-style-type: none">- Data transformations using SQL based on the newly developed columns in the dataset.- Supporting EDA
Pavan Kumar Morasa	<ul style="list-style-type: none">- Supporting Tableau analysis for comparison of new variables upload speed by weather and download speed by weather with respect to speed.
Yamini Bhupendrakumar Prajapati	<ul style="list-style-type: none">- Completion of Project Charter.- Supporting in building decision tree to predict speed of broadband.
Shweta Sharma	<ul style="list-style-type: none">- Performing Tableau analysis and dashboards based on the developed dataset.- Creating slides for the presentation supporting in completion of Project Charter.