Member 1: Introduction

- **Overview of the Project's Purpose**
    - Discuss the significance of expanding electric car charging stations to support the growing number of electric vehicles (EVs) on campus.
- **Context of Electric Vehicles and Sustainability**
    - Provide an overview of the global trend towards electric vehicles, highlighting their role in reducing greenhouse gas emissions and promoting sustainability.
- **Current Condition of University Parking Lots**
    - Assess the current state of charging infrastructure in university parking lots, including the number of existing stations and their utilization rates.
- **Objectives of the Expansion**
    - Clearly outline the goals of the project, emphasizing how it aligns with the university's sustainability initiatives and benefits the campus community.

Member 2: Research on EV Usage and Growth

- **Data on EV Usage**
    - Present recent statistics on the rise of electric vehicle ownership among university students and faculty, including survey data if available.
- **Forecasts for EV Growth**
    - Discuss projections for future electric vehicle adoption and the increasing need for charging infrastructure to accommodate this growth.
- **Local and State Policies**
    - Analyze local and state policies that encourage electric vehicle adoption, such as incentives for EV buyers, and explore how the university could leverage these policies for support.

Member 3: Feasibility Study and Budget

- **Feasibility Analysis**
    - Analyze the feasibility of installing additional charging stations in terms of space availability in parking lots, costs, and resource allocation.
- **Budget Estimation**
    - Provide a detailed budget estimation covering installation costs, equipment, ongoing maintenance, and potential revenue streams from the charging stations.
- **Potential Funding Sources**

    - Identify potential funding opportunities, including grants, collaborations with electric vehicle manufacturers, and government incentives to support the project financially.

Member 4: Technical and Infrastructure Considerations

- **Technical Specifications**
    - Detail the types of charging stations to be considered (Level 1, Level 2, or fast chargers), including their capacity and energy consumption requirements.
- **Assessment of the Existing Power Grid**
    - Evaluate the current electrical infrastructure of the university to determine any necessary upgrades to accommodate additional charging stations.
- **Integration into Existing Infrastructure**
    - Discuss strategies for seamlessly integrating new charging stations into the existing parking lot infrastructure without disrupting current operations or services.

Member 5: Benefits, Sustainability, and Future Expansion

- **Environmental Benefits**
    - Outline the environmental advantages of expanding charging stations, such as reduced carbon emissions and the promotion of renewable energy sources on campus.
- **Impact on EV Adoption**
    - Analyze the expected positive impact on student and faculty electric vehicle adoption, enhancing the convenience and accessibility of charging options.
- **Long-term Expansion Plans**
    - Discuss potential plans for future expansion of the charging network beyond the initial project, considering scalability and ongoing maintenance strategies.

Conclusion

- Each member should contribute to the conclusion by summarizing their findings and reinforcing the recommendation regarding the feasibility of the project, as well as suggesting actionable next steps.

This division of responsibilities ensures that each member of the team has a clear focus, while also contributing to the overall cohesion and comprehensiveness of the report.

IV. References

- List all sources cited in the report, following MLA

V. Appendices (if necessary)

- Include any additional data, charts, or relevant materials that support your findings.