The planning of the technical report for Project Pat.

The maximum word count for the project will be 6,000 words.

**Structure for Your Technical Report**

1. **Title Page**
   * Project Title
   * Group Members
   * Date
2. **Abstract**
   * A brief summary of the project, its goals, and key findings.
3. **Introduction**
   * Purpose of the website
   * Motivation behind the project
   * Technologies used
4. **Frontend Development**
   * Tools and frameworks (HTML, JavaScript, CSS, React, etc.)
   * Features implemented
   * Challenges faced and solutions
5. **Backend Development**
   * Server setup (Apache, databases)
   * APIs and data handling
   * Authentication & security measures
6. **Testing**
   * Methods used (e.g., unit testing, UI testing)
   * Results and improvements made
7. **Group Collaboration**
   * Meeting schedules and key discussions
   * Problem-solving strategies
   * Task delegation and workflow management
8. **Challenges and Solutions**
   * Technical difficulties faced
   * Team communication challenges
   * How they were resolved
9. **Future Improvements**
   * Features that could be added
   * Potential optimizations
10. **Conclusion**
    * Summary of key takeaways
    * Project impact
11. **References**
    * Any documentation, tutorials, or research used