**ASSIGNMENT :: Business Analyst**

You are a Business Analyst working for a software development company that specializes in creating family-oriented applications. The company has identified a market need for a robust Parental Control application designed for smartphones. This application aims to help parents monitor and control their children's phone usage, ensuring safety and promoting healthy digital habits.

**Task to complete:**

1. Conduct a comprehensive analysis for the development of the Parental Control application. This analysis should cover the Business Analysis Core Concept Model (BACCM) elements: need, change, stakeholders, value, context, and solutions.
2. Identify at least 6 use cases and explain what the use case refers to.
3. Using Use Case Diagram show the scope of the parental control application(feel free to make assumptions)
4. Write one functional requirement in detail using use case technique.
5. Write one user story and its acceptance criteria for a feature.
6. Using BPMN 2.0 map the process of setting screen time limits which involves a parent setting up and managing screen time limits for their child's device usage. Your process should clearly show parent logging in the application, navigating to the control panel where screen time limits are managed, setting or updating the screen time limits for their children, save the settings, system sending a confirmation notification to the parent, parent receiving the confirmation notification.

**Company Website:** [**www.simplifai.ai**](http://www.simplifai.ai)