UNIVERSITI TEKNOLOGI MARA

WEB APPLICATION: THERAPEUTIC TREATMENT ON SPEECH DELAYED CHILDREN

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DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotations from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

This research, named Web Application: Therapeutic Treatment for Speech Delayed Children, focuses on the early years of children's speech development and how they articulate their words. Specifically, this research focuses on delayed speech in stuttering children as users and intends to help them via a web application to take advantage of personalized learning and to adapt to the situation being evaluated. This application(app) would aid young children by facilitating the identifying process so that appropriate intervention for their speech delay may be provided. With the deployment of this application, speech delay and early identification of speech delayed children may be aided and these children can receive early diagnosis and assistance from experts or adults around them.

This chapter summarizes the project, beginning with the context and progressing through the issue description, project questions, project objectives, scope, and importance.

1.2 Background of the study

Early childhood speech delay (SD) is a disorder in which a preschool child's speech development is slightly slower than that of other children of the same sex and age (Fan et al., 2021). As described by Pietrangelo (2019), speech delay is when a child fails to meet normal speech milestones due to various factors that may impede children