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Series 2025

Chief Editors:
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Preface

Pioneering Educational Perspectives: Series 2025 is a collection of thought-provoking insights and research contributions exploring contemporary educational trends and practices. This eBook presents a diverse range of perspectives on innovative teaching methodologies, digital learning strategies, and transformative approaches in education. Designed to serve as a resource for educators, researchers, and practitioners, it aims to inspire meaningful discussions and advancements in the field. Through carefully curated chapters, this publication offers fresh ideas and practical solutions to enhance learning experiences in an ever-evolving educational landscape.

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CHILD CONNECT - EMPHASIZING THE SEAMLESS CONNECTION BETWEEN THERAPISTS, EDUCATORS, AND CAREGIVERS

Dr Syamsul Anwar Sultan Ibrahim[1*], Ain Najihah Mohd Bakri[2], Muhammad Danial Mohd Yasin[3], Iffah Amirah Mohd Nasir[4] & Dayang Nur Hadziah binti Abang Saufi[5]

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ABSTRACT

Child Connect represents a transformative approach in child development intervention, addressing the inefficiencies that arise during transitions between treatment centres and school entry. This innovative resource consolidates a child's developmental history from birth, ensuring therapists and educators have immediate access to essential information without the need for repetitive assessments. By providing a comprehensive overview of each child's unique needs, including developmental disabilities and ongoing interventions, Child Connect empowers educators to create more inclusive and supportive learning environments. The platform promotes seamless communication and collaboration among caregivers, therapists, and educators, streamlining the intervention process and reducing delays in care. Customizable to suit the specific priorities of various users, Child Connect offers training and support resources to enhance user experience and ensure effective implementation. Feedback mechanisms allow for continuous refinement based on stakeholder input, ensuring it meets evolving needs. Ultimately, Child Connect is more than a data repository; it is a dynamic tool that revolutionizes child intervention practices, fostering efficiency, collaboration, and holistic care.

KEYWORDS: Special needs child, Inclusive education, Health data repository, Child development, Intervention efficiency

PROBLEM AND OBJECTIVE

When children transition between treatment centres or enter school, there is often a lack of comprehensive information about their developmental history. This leads to redundant assessments and duplicated efforts by therapists, resulting in wasted time and resources. Besides, teachers frequently lack detailed knowledge about a child's developmental disabilities and special needs as Alali et. al (2020) stated teachers lack the knowledge of some features associated with disorders and developmental disabilities thus hindering their ability to provide appropriate support in inclusive classroom settings. This contributes to an unhealthy learning environment for students with learning disabilities. On top of that, there is often poor communication and collaboration among therapists, educators, and caregivers, which complicates the intervention process and slows down progress. The objectives of this innovation design are as below to cater the above problem:

1. Streamline Information Transfer:
   By creating a centralized repository that consolidates a child's developmental history, ensuring that therapists and educators have immediate access to essential information without repetitive assessments.

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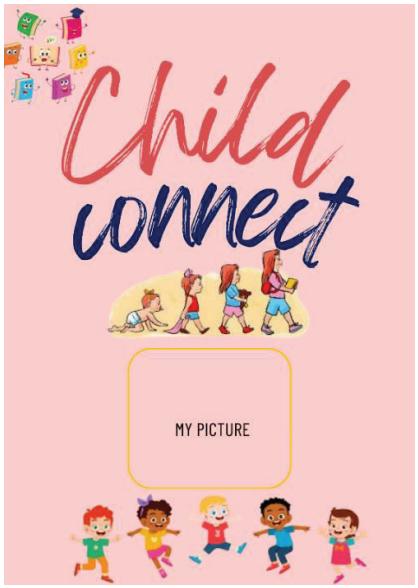
2. Enhance Educator Awareness:
   Equip teachers with comprehensive insights into each child's developmental needs and previous interventions, fostering a more supportive and inclusive learning environment.
3. Promote Collaboration:
   Facilitate seamless communication among all stakeholders—therapists, educators, and caregivers—to improve the overall quality and efficiency of child intervention processes.
4. Customization and Adaptability:
   Develop a versatile platform that allows for customization based on the specific needs of different users, ensuring it meets diverse priorities in educational and therapeutic contexts.

DESIGN DESCRIPTION

Purpose:

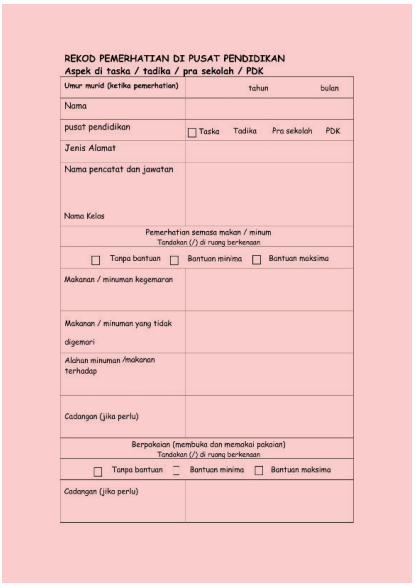
The primary purpose of Child Connect which is a hardcopy of child information in the form of book is to streamline and enhance the information transfer process among therapists, educators, and caregivers involved in a child's development. It features include centralized repository which is user-friendly platform that consolidates essential information about a child's developmental milestones, assessments, and ongoing interventions since birth. Next, it is customizable profiles as users can tailor the information display based on their specific needs—therapists may focus on developmental milestones, while educators prioritize academic progress. Furthermore, in term of its functionality, child connect allows therapists and educators to access a child's profile quickly, facilitating informed decision-making and targeted interventions. The platform enables seamless communication among all stakeholders, reducing delays and enhancing the quality of care provided. The primary audience includes multidisciplinary teams such as doctors and therapists (occupational, physical, speech), educators, parents, and caregivers of children with developmental disabilities. It is designed for professionals who require efficient access to comprehensive information to support their interventions and teaching strategies.

VISUALS



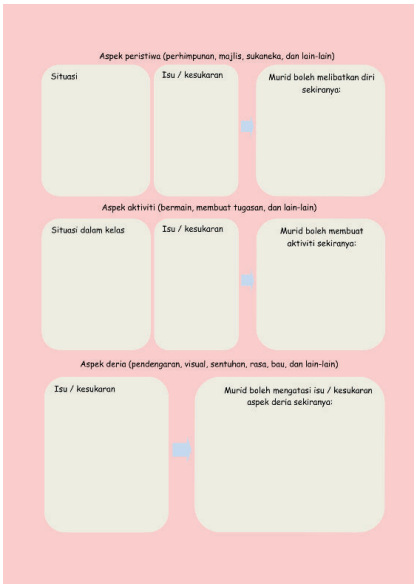


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REKOD PEMERHATIAN DI PUSAT PENDIDIKAN
Aspek di taska / tadika / pra sekolah / PDK

Umur murid (ketika pemerhatian)	tahun bulan
Nama	
pusat pendidikan	☐ Taska Tadika Pra sekolah PDK
Jenis Alamat	
Nama pencatat dan jawatan	
Nama Kelas	
Pemerhatian semasa makan / minum Tandakan (/) di ruang berkenaan	
☐ Tanpa bantuan ☐ Bantuan minima ☐ Bantuan maksima	
Makanan / minuman kegemaran	
Makanan / minuman yang tidak digemari	
Alahan minuman /makanan terhadap	
Cadangan (jika perlu)	
Berpakaian (membuka dan memakai pakaian) Tandakan (/) di ruang berkenaan	
☐ Tanpa bantuan ☐ Bantuan minima ☐ Bantuan maksima	
Cadangan (jika perlu)	



NOVELTY AND UNIQUENESS

Unlike existing solutions, Child Connect uniquely facilitates seamless communication between therapists, educators, and caregivers. It is designed not just as a data repository but as a dynamic tool that encourages collaboration, enabling real-time updates and shared insights among professionals. The platform offers customizable profiles that cater to the specific needs of different users. While many existing solutions focus on a one-size-fits-all approach, Child Connect allows therapists and educators to prioritize information based on their roles, fostering a more personalized and relevant experience. By equipping educators with vital information about children's developmental needs, Child Connect promotes inclusivity in classrooms, addressing a critical gap in current educational practices. This empowerment leads to a more supportive learning environment for children with special needs, enhancing their educational experience.

BENEFITS TO MANKIND

Child Connect enhances the quality of life for children with developmental disabilities by streamlining information transfer among caregivers, therapists, and educators. This collaboration reduces redundant assessments, saving time and resources, while empowering educators to provide tailored support. By fostering inclusive learning environments, it promotes better educational outcomes and overall well-being for children, ultimately benefiting families and communities. Hayes and Bulat (2017) stated that the objective of educating children with disabilities aligns with that of educating children without disabilities which empowers them to achieve their utmost potential and contribute as valued members of their communities as they often necessitate tailored services and assistance to effectively grasp the material being taught

COMMERCIAL POTENTIAL

Child Connect has significant market potential in the growing field of child development and special education. Its competitive advantage lies in its comprehensive, user-friendly platform that fosters collaboration among stakeholders, reducing redundancy and enhancing care quality. The design is scalable across various educational and therapeutic settings. A subscription-based business model could ensure continuous updates and support, while cost

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analyses indicate long-term savings through improved intervention efficiency and reduced assessment duplications, appealing to schools, treatment centers, and families alike.

CONCLUSION

In summary, Child Connect addresses critical challenges in child development intervention by providing a centralized, user-friendly platform that streamlines information transfer among therapists, educators, and caregivers. Its innovative features, including customizable profiles and feedback mechanisms, empower stakeholders to deliver targeted, inclusive support for children with developmental disabilities. The potential for scalability and a subscription-based business model enhances its viability in the market.

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Hayes, A. M., & Bulat, J. (2017). Disabilities inclusive education systems and policies guide for low-and middle-income countries