

USER GUIDE



SEDAR

This user guide is intended to provide a comprehensive overview of the SEDAR system (**Sistem E-Daftar & Analisis Ramalan bagi Pengurusan Bantuan OKU**), a web-based AI tool designed to support the assessment of aid eligibility and amount estimation for Persons with Disabilities (PWDs) in Malaysia



SYSTEM NAME

Sistem E-Daftar & Analisis Ramalan bagi Pengurusan Bantuan OKU (SEDAR)

The system developed in this study is titled **Sistem E-Daftar & Analisis Ramalan bagi Pengurusan Bantuan OKU (SEDAR)**. This acronym was intentionally crafted to reflect both the system's **technical function** and its **social mission**, while also resonating with local linguistic and cultural relevance. “*Sedar*,” meaning *aware* or *conscious* in Malay, symbolises the system’s core purpose to raise institutional awareness and responsiveness in recognising the needs and rights of Persons with Disabilities (PWDs). This awareness is essential to ensure that PWDs are not left behind and that they have access to the resources and opportunities they deserve.

The name is composed of five key elements:

- ***Sistem E-Daftar* or Electronic Registration (E-Registration)**, refers to the digitalized process of registering and updating information, making it easier and faster for both applicants and administrators.
- ***Analisis Ramalan* or Predictive Analysis**, emphasizes the system’s ability to leverage modern technologies, particularly data analytics and artificial intelligence (AI/ML), to forecast aid eligibility, analyze application patterns, and identify future needs.
- ***Pengurusan Bantuan OKU* or OKU Aid Management**, highlights the system’s main purpose: to support government agencies and communities in distributing aid in a fair, transparent, and efficient manner.

By combining these dimensions into the acronym **SEDAR**, the system not only presents a practical tool for predictive decision support but also conveys a strong ethical stance: the need for conscious, just, and inclusive governance in welfare management. The name effectively bridges the gap between **technical precision** and **public service orientation**, making it suitable for use in official government, academic, and community engagement contexts.

LOGO



SEDAR logo above is a symbolic representation of the system's mission to support, evaluate, and empower Persons with Disabilities (PWDs) through intelligent, data-driven tools. Its design incorporates human-centric elements and culturally resonant motifs to communicate both technological sophistication and compassion.

1. Swirl Motif



The spiral represents **unity and inclusiveness**, showing the collaboration between the government, society, and Persons with Disabilities (PWDs) in ensuring that aid management can be implemented effectively and fairly.

The continuous swirling movement reflects **progress and dynamism**, symbolizing that the system is always evolving, adapting to technological advancements, and responding to the needs of its users.

2. Colour

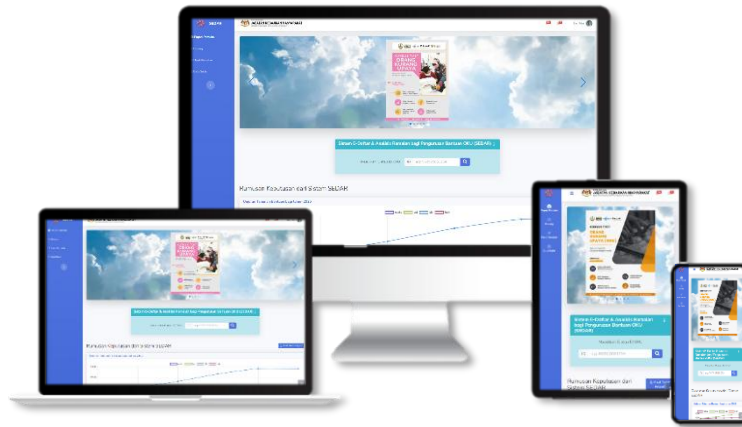


The colour **pink** was selected to represent **compassion, empathy, and care**, values that lie at the core of assistance for the PWD community. It embodies the spirit of humanity and kindness that drives the creation of this system.



Meanwhile, the colour **orange** symbolizes **energy, optimism, and hope**, serving as a reminder that with proper management and structured support, PWDs can lead better lives and have equal opportunities to thrive.

Together, the combination of swirl motif, pink and orange reflects a powerful message that: **SEDAR is not just a technological system but also a symbol of humanity, inclusivity, and innovation for a brighter future.**



The SEDAR system has been developed with a **responsive design**, meaning the website automatically adjusts its layout and display according to the device being used. Whether accessed from a desktop computer, laptop, tablet, or smartphone, every element of the website is presented neatly and consistently. This ensures that users enjoy the same level of comfort and usability regardless of screen size.

Index Page



In index/ start page, User can choose whether to enter as; -

1. Guest
 - Access limited to SEDAR system, simple form and basic result. Only basic demographics detail is needed.
2. Or Staff
 - Full Access to SEDAR system, from Dashboard to Full Report. Able to update, edit, or delete PWDs information and the result.

