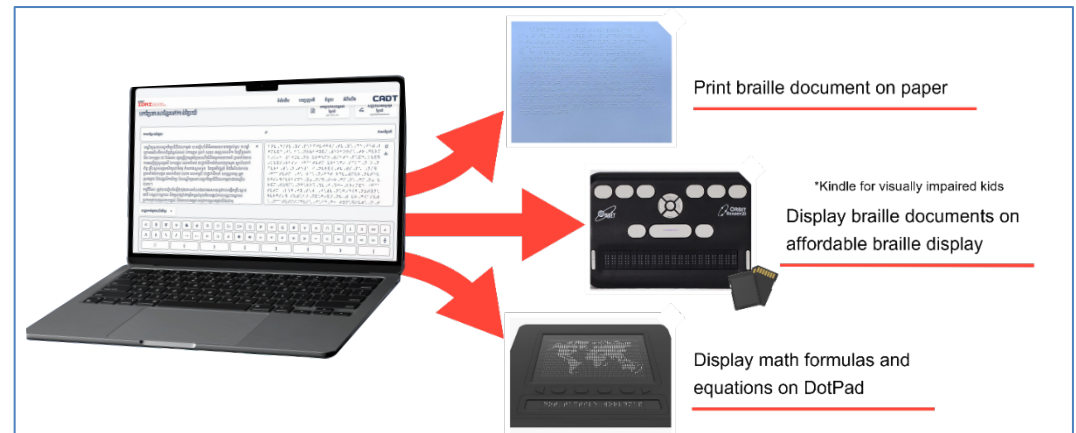
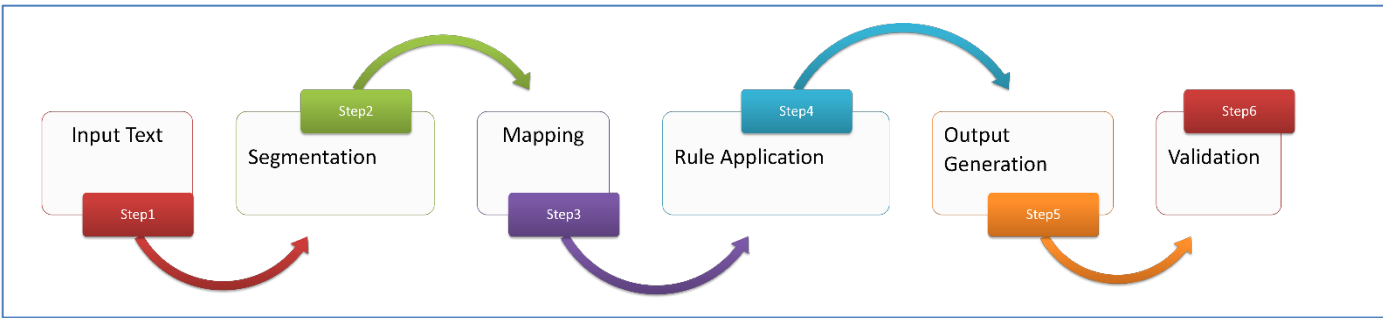


# Braille Translators for Low-Resource Languages in ASEAN: Use case from Khmer Braille

Access to Braille education materials remains limited in many ASEAN countries, particularly for low-resource languages with complex scripts. Existing Braille translation tools often lack support for local languages and require costly Braille printing hardware, making deployment difficult for school. To address these challenges, this project proposes a low-resource language Braille translation platform that automatically converts text into Braille using rule-based linguistic processing through a web-based platform and supports both digital display and physical printing. A low-cost, locally developed Braille printer enables affordable deployment. The printer is designed with a simple architecture and easy maintenance, allowing components to be replaced easily, especially in remote areas.



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