**PAN Localization Project** 

Project No: Ref. No: PANL10n/KH/UG/005



# User Guide for Khmer Unicode Spell Checker

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Cambodia Country Component PAN Localization Project PAN Localization Cambodia (PLC) Table of Contents

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## **1** Introduction

This document describes how to run and use the Khmer Unicode Spell Checker application.

## 2 Running the Application

After the installation of the application and all its dependencies, the application can be reached in two different ways:

1. The "Spell Checker" button embedded to each Microsoft office application such as Ms. Word, Ms. Excel and Ms. Power Point.







2. Stand-alone application in the program menu startup (Figure 2)

Figure 2: Start up Khmer Unicode Spell Checker in Stand-alone mod

## **3 Using Application**

### 1. Check Khmer Spelling error in Microsoft Office

- 1. Open the document to be checked spell in Office applications such as Ms. Word, Ms. Excel, Ms. Power Point
- 2. Click on "Spell Checker" button to check spell of the document.

🖻 Document1 - Microsoft Word			
File Edit View Insert Format Iools Table Window KhmerFonts Help			
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Page 1 Sec 1 1/1 At 0.6" Ln 1 Col 21 REC TRK EXT OVR English (U.S 🕼			

Figure 3: Khmer Unicode Spell Checker in Ms. Word

3. If there is error, a form is loaded to indicate place of the error in the text and provide the suggestions as below.

💀 PAN Localization Cambodia (PLC) - Word Beta version 💦 🔲 🖾		
Khmer Unicode Spell Che	cker	
Text to check spell		
មាន <mark>សរម្នង</mark> មកពីខាងក្រៅ	Resume	
	Change	
	Change All	
	Ignore Once	
	Ignore All	
Replace with	AutoCorrect	
សំឡេង		
Suggested Words		
ដម្លូរបំរ		
	ОК	
	Cancel	
ចំនួនពាក្យ : 5 ពាក្យ		
កាក្រេតពិនិត្យអក្នរាវិទ្រ្ទនេះយោងតាមវចនានុក្រមបេស់ PLC		

Figure 4: Khmer Unicode Spell Checker form in Ms. Word

4. Actions on the error word

а.	"Change"	: To change the error word to the suggested word and search for the next error
b.	"Change All"	: To change all the same error words in the box into the suggested word and search for the next error
C.	"Ignore"	: To ignore the current error word and search for the next error
d.	"Ignore All"	: To ignore all the same error words in the document and search for the next error
e.	"Auto Correct"	: To automatically correct all the errors in the box. In case, there is more than one suggestion, it chooses the first occurrence of the list.

### 2. Check spell in stand-alone mode

- 1. Go to "Start" menu
- 2. Select "Programs"
- Select "Khmer Unicode Application"
   Choose "Stand-alone spell checker"
- 5. Paste the Unicode text to be checked spelling errors into the the "Text to check spell" box
- 6. Choose the dictionary
- 7. Click on "Detect Error" to check spelling errors

🖶 PAN Localization Cambodis (PLC) - Standalone Beta version 🔳 🗖 🔀			
Khmer Unicode Spell Checker Text to check spell			
មានសរម្នង មកពីខាងរក្រា	Detect Error Change Change All Ignore Once Ignore All		
Replace with	AutoCorrect		
Suggested Words	Choose Dictionary <ul> <li>PLC</li> <li>Chounnat</li> </ul>		
ចំនួនពាក្យ : 0 ពាក្យ OK Cancel			

#### Figure 5: Khmer Unicode Spell Checker in Stand-alone mode

8. The error words will be highlighted and the suggestion list will be appeared in the suggested words box.

🖶 PAN Localization Cambodia (PLC) - Standalone Beta version 🔲 🗖 🔀		
Khmer Unicode Spell Checker Text to check spell		
មាន <mark>សរម្មង</mark> មកពីខាងក្រៅ	Detect Error Change Change All Ignore Once	
Replace with សំឡេង	Ignore All AutoCorrect	
Suggested Words		
សិវេឡង	Choose Dictionary <ul> <li>PLC</li> <li>Chounnat</li> </ul>	
ចំនួនពាក្យ : 5 ពាក្យ OK Cancel		

#### Figure 6: Khmer Unicode Spell Checker in Stand-alone mode

9. Actions on the error word

a. "Change" b. "Change All"	<ul> <li>To change the error word to the suggested word and search for the next error</li> <li>To change all the same error words in the box into the suggested word and search for the next error</li> </ul>
c. "Ignore"	: To ignore the current error word and search for the next error
d. "Ignore All"	: To ignore all the same error words in the document and search for the next error
e. "Auto Correct"	: To automatically correct all the errors in the box. In case, there is more than one suggestion, it chooses the first occurrence of the list.