



PAN LOCALIZATION CAMBODIA OF IDRC

KHMER ENCODING CONVERSION WITH MS EXCEL IMPROVEMENT TECHNICAL REPORT

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1. Introduction

Responding to the user needs of the PAN Localization Cambodia Khmer Unicode software package, the installation of the software project is initiated. An installation package had been built; however, the end-users meet difficulty during installation using the built packages. According to this reason, the improvement of the installation packages has to be taken into account.

2. Problem

During some workshops, the feedbacks from participants have been conducted. Not many users are comfortable with the installation of the packages. Most of them do not know which should be installed first and what the next step is. Below figure shows the previous installation package's interface. The application requires users to install the prerequisites first and then Khmer-smart typing; and every step, users need to process one installation before passing to another.

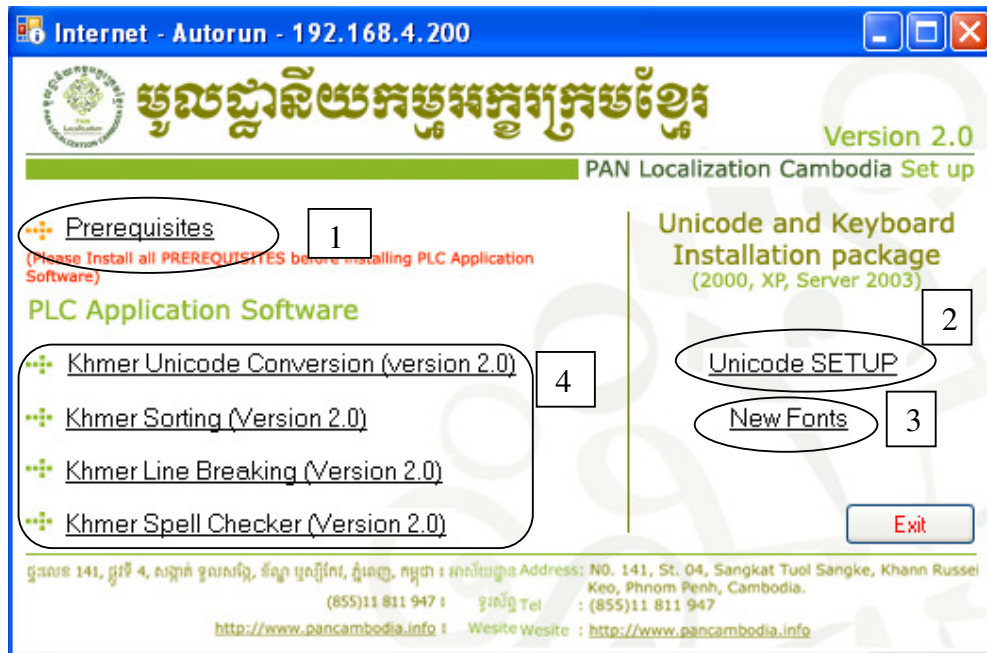
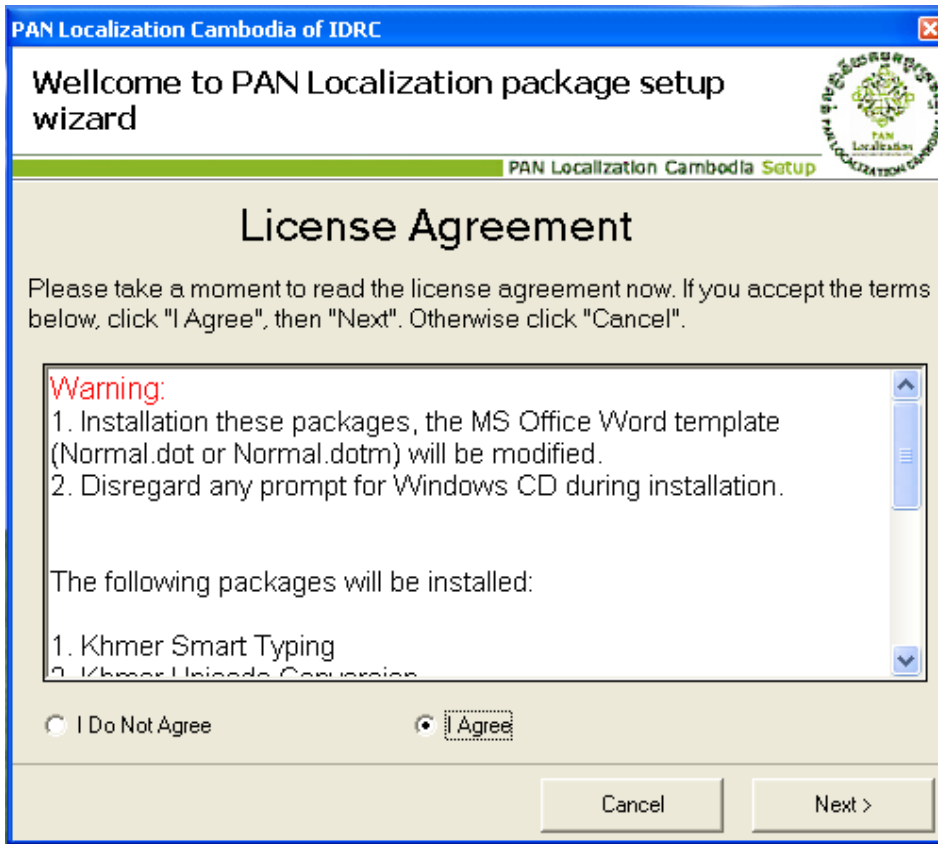


Figure 1: Installation wizard of the previous one

3. Solution

The detection whether the prerequisites exists or not and manage whether the prerequisites will be installed or not will be done by the setup packages rather than done by end-user. To do so, the visual basic programming language and dot Net platform have been chosen in the project. Different from the previous version, the installation wizard will automatically detect the prerequisites after get the agreement from the user and decide whether they will be installed or not. After that the Khmer

smart typing, Khmer sorting, Khmer spell checker, and Khmer line breaking will be installed. Below figure show the welcome interface of the new installation wizard.



4. Conclusion

With hard effort of the team, the installation package has been improved and expected the user's satisfaction. However, the feedbacks for further improvement will be awaited. Somehow, the installation package cannot detect the previous version of the application.