CLAIMS

We Claim:

1. A computer implemented system for selectively expressing an input text in a language other than the input language, based on the gestures performed by a user, said computer implemented system comprising:

    a user interface accessible to the user, said user interface configured to receive the input text from the user;

    a recognition module cooperating with the user interface, said recognition module configured to recognize a left swipe gesture and a right swipe gesture performed by the user on the user interface, said recognition module further configured to convert the left swipe gesture into an electric signal for transliteration of the input text, said recognition module still further configured to covert the right swipe gesture into an electric signal for translation of the input text;

    a translation module cooperating with the recognition module to receive said electrical signal for translation of the input text, in an event the recognition module recognizes the right swipe gesture, said translation module further configured to translate the input text subsequent to receiving said electrical signal~~s~~ for translation of the input text; and

    a transliteration module cooperating with the recognition module to receive said electrical signal for transliteration of the input text, in an event the recognition module recognizes the left swipe gesture, said transliteration module further configured to transliterate the input text subsequent to receiving said electrical signal~~s~~ for transliteration of the input text;

    said user interface further cooperating with said translation module and transliteration module to receive translated input text and transliterated input text, said user interface still further configured to selectively display the translated input text and the transliterated input text, along with the input text, in response to at least one of the left swipe gesture and right swipe gesture performed by the user.

2. The system as claimed in claim 1, wherein said recognition module is further configured to trigger the translation module in response to recognizing the right swipe gesture on the user interface, said recognition module still further configured to trigger the transliteration module in response to recognizing the right swipe gesture on the user interface.

3. A computer implemented method for selectively expressing an input text in a language other than the input language, based on the gestures performed by a user, said computer implemented method comprising the following steps:

receiving input text from the user, via a user interface;

recognizing, using a recognition module, a left swipe gesture and a right swipe gesture performed by the user on the user interface;

converting said left swipe gesture into an electric signal for triggering transliteration of the input text, and converting said right swipe gesture into an electric signal for triggering translation of the input text;

translating the input text using a translation module in an event the recognition module recognizes the right swipe gesture and generates said electric signal for triggering translation of the input text;

transliterating the input text using a transliteration module in an event the recognition module recognizes the left swipe gesture and generates said electric signal for triggering transliteration of the input text; and

receiving at least one of translated input text and transliterated input text at the user interface; and

selectively displaying the translated input text and the transliterated input text, along with the input text, on the user interface, in response to at least one of the swipe left gesture and swipe right gesture performed by the user.

4. A non transitory computer readable medium having computer readable instructions stored thereupon, said computer readable instructions, when executed by a processor, cause a computer enabled device to:

receive input text from the user, via a user interface;

recognize, using a recognition module, a left swipe gesture and a right swipe gesture performed by the user on the user interface;

convert said left swipe gesture into an electric signal for triggering transliteration of the input text, and convert said right swipe gesture into an electric signal for triggering translation of the input text;

translate the input text in an event the recognition module recognizes the right swipe gesture and generates said electric signal for triggering translation of the input text;

transliterate the input text in an event the recognition module recognizes the left swipe gesture and generates said electric signal for triggering transliteration of the input text;

receive translated input text and transliterated input text at the user interface; and

selectively display the translated input text and the transliterated input text, along with the input text, on the user interface, in response to at least one of the swipe left gesture and the swipe right gesture performed by the user.