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Development of voice pen-pal application of global communication system by voice message

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Abstract

These days, interest and demand on smart learning has rapidly increased. Video English and mobile system based English speaking service have become popular. This study gave prototype of application to give and take voice message with world people and to give new concept of voice pen-pal beyond exchange of text messages. In modern society having rapidly increasing demand on smart learning, you can study foreign language by smart phone and communicate with foreigners by voice anytime and anywhere. The app allows global exchange to learn conversation. Recruitment of initial users and profit model have problems. We shall develop to improve problems and to solve difficulty.

Keywords: Voice Penpal, app, pen-pal friends.

1. Introduction

These days, interest and demand on smart learning has rapidly increased. Video English and mobile system based English speaking service have become popular. This study gave prototype of application to give and take voice message with world people and to give new concept of voice pen-pal beyond exchange of text messages.

Users fill out name in full, gender, age, region, language, greeting recorded, photograph and brief

profile to make use of service. He or she may retrieve according to conditions to display matching list and to listen to greeting and to send voice message after selecting the other party. In the era of internationalization, communication with foreigners can be valuable.

2. Associated studies

The invention included types of script and voice communication to learn communication in foreign language by smart phone: Users do English composition according to situation and produce script that make change by using their story, and connect communication party, and send and receive voice message of dialog in English and other language to improve English and other language speaking ability.

The invention differs from 'Voice Penpal' application at counterpart matching.

3. Contents

3.1. App component

Press the Subscribe at main display to fill out profile and to record greeting. The set can manage my profile and pen-pal friends.

3.2. App UI

Input the other party's conditions to display matching list and voice message exchange window.

3.3. SWOT

<Table 1> SWOT of 'Voice Penpal' application

<p>Voice Penal</p>	<p>Strength-S Regardless of nationality, gender and age.</p>	<p>Weaknesses-W Even simple message makes use of voice message having large capacity.</p>
<p>Opportunities-O In the era of globalization, number of the one who looks for foreigner friend has increased.</p>	<p>SO strategies Make foreigner friend easily.</p>	<p>WO strategies Exchange voice message to feel friendly.</p>

Threats-T	ST strategies	WT strategies
Exchange text message and voice message at the same time by app.	Exchange voice message with unknown person to make friend.	Make use of voice message actively.

4. Conclusion

In modern society having rapidly increasing demand on smart learning, you can study foreign language by smart phone and communicate with foreigners by voice anytime and anywhere. The app allows global exchange to learn conversation.

Recruitment of initial users and profit model have problems. We shall develop to improve problems and to solve difficulty.

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