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SURVEY OF MOBILE PORTALS OF VARIOUS COUNTRIES

Anachack Phongtraychack, V.I. Syryamkin

National Research Tomsk State University
idea.phongtraychack@gmail.com

ОБЗОР МОБИЛЬНЫХ ПОРТАЛОВ РАЗНЫХ СТРАН

Аначак Пхонгтрайчак, В.И. Сырямкин
Национальный исследовательский Томский государственный университет

The article deals with the survey of different type of portals through which the government services are provided to the citizens. The portals have mobile applications with the facilities of transportation, public health, agriculture, education, law, etc. In particular, the article represents the work on building a mobile portal to support the development in Science and Technology in Lao PDR.

Keywords: mobile portal, survey, government services, Lao PDR

Mobile portal is very popular in today's world as the technology has been upgraded since past few years, almost everyone now is using smart phone in which it is required to use for an Internet gateway that enables mobile devices to connect remotely with an enterprise intranet or extranet, typically via a Web browser interface. Consumer-oriented mobile portals provide access to mobile services and content using channels such as SMS, a micro browser such as WAP, i-mode and voice. Consumer mobile portals aggregate content from many sources and may offer personalized services and content to mobile users.

1. Mobile portal of Thailan: Government Application Center

This application is provided of channel mobile application for government by gathering all apps in order to facilitate the search (Fig.1).

EGA (Electronic Government Agency) has launched GAC as a center of applications for Thai people which could help user finding useful and necessary government information and applications on mobile phone.

GAC will include several features including:

– Searching machine categorize by service type and government unit.
– Recommended mode for latest, popular, seasonal application.
– Single sign on (SSO) and recognized or bookmark log-in mode for easy accessibility and security.
– Smart key word and filtering searching mode.
– Personalize mode (future project) [1]..

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Officer or government agency staff is eligible access MailGoThai account via the GAC platform with Bookmark Application mode for more effective and comfortable workflow.
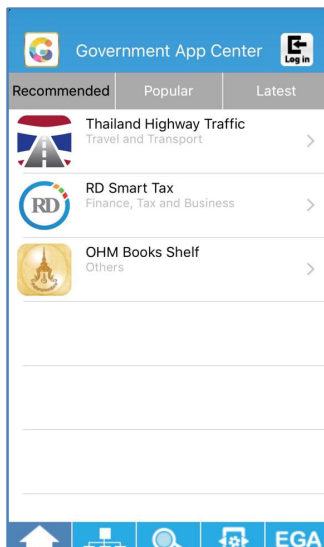

Figure 1. Interface of GAC.

a) Why does GAC respond to people better than access to the original application of government?

-   Integrate "The apps government" to cover all services to the public.
-   Eliminate the search application of government from the App Store or Google Play which has not found.
-   Categorize an application sectors are 13 categories for easy search options.
-   Easy to access just turn on the Wi-Fi, 3G or Edge then it can be accessed from anywhere at any time.
-   The more active support to the government agencies has developed information systems in the format of mobile application.

b) GAC installation.

-   Go to App Store or Google Play.
-   Type "GAC" in the search box.

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-   Press "install" for download app GAC.

Only three processes – and you can start searching and using application of government.

Government agencies that want to publish an application through the GAC can ask for more details on EGA Contact Center Tel: 0 2612 6060 or email: contact@ega.or.th.

2. Mobile portal of India: m-Kisan Portal

All applications and services listed in other sections of m-Kisan Portal are accessible on any kind of mobile phone including basic feature phone [1]. Even today, feature phones (as against smart phones) constitute maximum share of mobile phone in India. However, with increasing penetration of smart phones in India and affordable prices (likely to go down further with the introduction of Android One by Google), it has been considered necessary to create mobile Apps.

The Apps are not only useful for remote location data entry where desktop PCs are not available, but would also be available to farmers and all other stakeholders for extracting information from the web. The mobile Apps to be listed on mKisan Portal are some good applications which are free of cost and do not have any royalty or Intellectual Property Right (IPR) issue. These applications are being developed through C-DAC, NIC, in-house in DAC and independent Android enthusiasts / private firms.

Some mobile applications of Kisan:

1) Agriculture.

Kisan Suvidha is an omnibus mobile app developed to help farmers by providing relevant information to them quickly. With click of a button, they can get the information on weather of current day and next 5 days, dealers, market prices, agro advisories, plant protection, IPM Practices etc.

Pusa Krishi, New Delhi is leading 14 ICAR institutes of North Zone-I. The unit strives to be a strong link between the research community and the outside world. It promotes Agribusiness Ventures through technology development and commercialization for everyone from a corporate to an individual farmer. We have a variety of technologies/ products for commercialization.

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शेतकरी सखा

शेती विज्ञान तुमच्या खिशात!

"Shetkari Masik" is one of the most popular monthly magazines in the Agriculture sector, under publication since 1965. It is published by Department of Agriculture, Maharashtra. The Android app for Shetkari magazine has a very simple interface and requires mobile internet or Wi-Fi connectivity to register and download the issues. Once downloaded, the magazine can be read without internet connectivity.
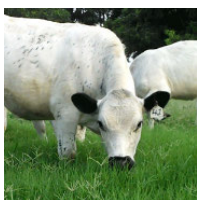
2) Horticulture.

"Sikkim Horticulture and CashCrop Assistance"

This app is used for submitting online application for obtaining Departmental assistance by farmers of Sikkim.

3) Animal husbandry

NDDB has developed an Android based software that can be used on phones as well as tablets. With the help of this software balanced ration is formulated while optimizing the cost considering animal profile, i.e. cattle or buffalo, age, milk production, milk fat, and feeding regime etc. and milk producers are advised to adjust the quantity of locally available feed ingredients offered to their animals along with mineral mixture.

3 Mobile portal of Arkansas, US: Gov2go Portal

Arkansas is the first US state to allow citizens to access local services via a digital personal assistant, **Gov2Go** – and says it's a great success (Fig.3). Accessible via native mobile apps, the Apple Watch and TV apps and the web, Gov2Go alerts users to important government deadlines such as voter registration, property tax payments and car tag renewals [3].

More than 260,000 people have signed up, with 6,700 paying their taxes through the online link this year. In the run up to the US election, users were also given personalized reminders about when and where to cast their vote.

Why use Gov2go?

a) Easy to use. Gov2Go makes it easy to access the government services that are important to you — anytime, anywhere. Download and setup take just minutes: enter a few simple facts about yourself and you're ready to go.

b) Make government simpler. Gov2Go is your one-stop shop for interacting with agencies at all levels of government. Based on the details you share, Gov2Go builds a personalized timeline and schedules your government tasks for the year.

c) Give you peace of mind. With Gov2Go, you can rest assured that all the important aspects of your interactions with government are being tracked for you. Car tags expiring? Property taxes due? Gov2Go sends you timely reminders so you'll never miss a deadline.
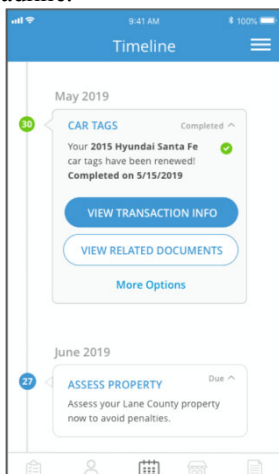

Figure 2. Interface of Gov2go.

In this paper, we have presented the survey of mobile portal of various countries and as the government have provided many facilities for the citizens, so the mobile application portals are very important and useful thing in nowadays. Therefore, according to our work on building a mobile portal, this survey would be very helpful for us to get more advantages for developing our portal and make it efficiency for people who will be using it.

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