MAILCOMMERCE - AN ONLINE LETTER AND POSTCARD SENDING ANDROID APP

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Abstract: To send letters and postcards is tedious, we have to visit mailbox or post office directly to drop letters and postcards. Making system for this issue will save time and money. The core idea of research project is to implement Android based application Is everyone can send letters and postcards from anywhere anytime. Online process is so transparent everything is at one place, send letter or postcards, make online payment, track status of delivery and more. For users needs to install an app, upload yourown design or choose one from our collection, Enter senders detail and destination address. That's it in systems dashboard all details or order will display, also from dashboard we can manage orders. This system will be big problem solving for most of businesses, banks, insurance companies. Using this system businesses can send letters and postcard in bulk is possible.

Keywords: Mailcommerce, Send Letter Digitally in physical form, Send Postcards, Photos, Documents Digitally in physical form.

I. INTRODUCTION

It is difficult to send letter and postcard online. And sending letter or postcard physically is too time consuming and also a lot tiring. User face a lot of issues with the old tracking methods and no updates related to product. Many a time valuable are miss placed and stucked somewhere in between way. This makes the process more complicated, as there is no SOP's for the process to continue. User have to option to report aboutthe issues, but there is no system to make the complaints satisfied. We need new system to solve all mention problem. Propose system help to solve all problem.

II. MAILCOMMERCE AN ONLINE LETTER AND POSTCARD SENDING SYSTEM

Mailcommerce is an Online Platform where you can Send Letters and Postcards Physically as Easily as an SMS. You can have letters & postcards printed, packaged, and sent anywhere you choose with only a few clicks. You can transfer letters fast and more securely than anyone with PostPatra. Although, you can customizeattractive postcards and have them distributed to your loved ones in minutes

TABLE I
QoS degradation effects on user experience

QoS degradation	Consequence on user experience
Go out to Purchase Envelope and letter page	Nothing to do with paper and pen, Everything is done digitally
Write Letter/Postcard by hand writing	User Can Create beautiful designs in system to make itmore interesting with images, clipart's, icons, etc.
Track Status Of Delivery	With click of button user can track status of delivery,estimate delivery time and live location of letter

To send letters and postcards is tedious, we have to visit mailbox or post-office directly to drop letters and postcards. Making system forthis issue will save time and money. The core idea of research project is to implement Android based application Is everyone can send letters and postcards from anywhere anytime.

Online process is so transparent everything is at one place, send letter or postcards, make online payment, track status of delivery and more. For users' needs to install an app, upload your own design or choose one from our templates.

A. PROBLEM STATEMENT

Now days each and every thing can be done online through your app in just few taps, but still if you want to send letters or postcards there are so many troubles. Like, It is time Consuming get pen and paper, write letter with hand and then find mail box or post office to send letters or postcards. Estimated Cost of sending letters or postcards is not fixed and can't be known until visit to post office. Making payment for letter or postcards through India Post is only through cash payment, online payment option is not available for India Post. To send letters or postcards peoples need to stand in queue where social distancing is the main issue and it is much time consuming.

B. MOTIVATION OF THE PROJECT

These days as everything is getting digitalize. And we are still stuck sending letters and postcard by physically visiting near post offices or courier spaces. Where people need to wait every time and spend hours for a process which they can do in minutes. We need new system to avoid this problem.

C. Goals and objectives

- Reduce human error
- Minimize efforts and increase efficiency
- Reduce cost per product
- Get structured data and make it easily manageable
- Receive payment online to make it profitable
- Increase transparency

D. Statement of scope

Purpose a system effectively used to send letter and postcard very easily form any location. User can send letter and postcard using mobile app

E. Outcome of Project

- Increase visibility for shipping system
- Modernize the process with new technology
- Reduce the efforts of users and organisations.

F. Applications of Project

- Personal Use
- Banks
- Insurance Companies
- School & Colleges
- Financial Organization
- Government Organization

Use case of the project (e.g. Fig. 1) between the connection of user, hardware, shipping partner using the system is well explained below.
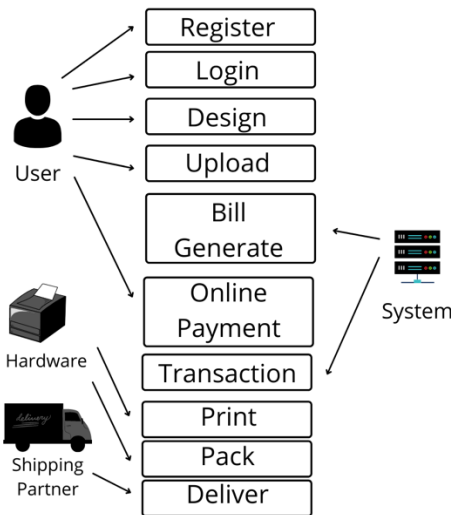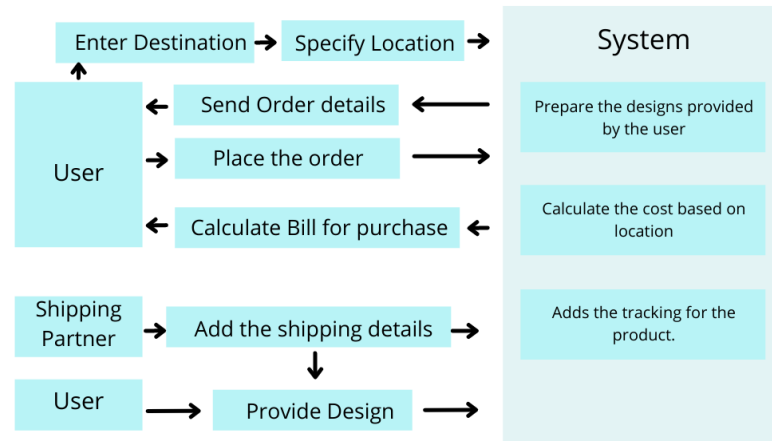
Fig. 1 Use case diagram

Fig. 1 Data flow diagram.

Mainly there are two main components in the project which are user & shipping partners. (e.g. Fig. 2).

CONCLUSIONS

Each and every thing now possible with the press of button, shopping, ordering food, even like local services like plumber, electricians are available online. But to sending letters, documents we were still standing in long ques to post a letter, also buy an envelope, write on it with pen and then letter is ready to post. But with this system things are completely changed!

With the use of technology, we can reduce human efforts and time, and use that time in productive work. By using this system users can send letters, postcards, documents, images within few mins with the comfort of home. With the android app users can upload their letters, postcards, documents, images, system admin will print them and post through India post or any easy courier service provider. For user giving small charge of service he can save lots of time, and also nothing to do on writing with pen and paper so everything is neat and clean.

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