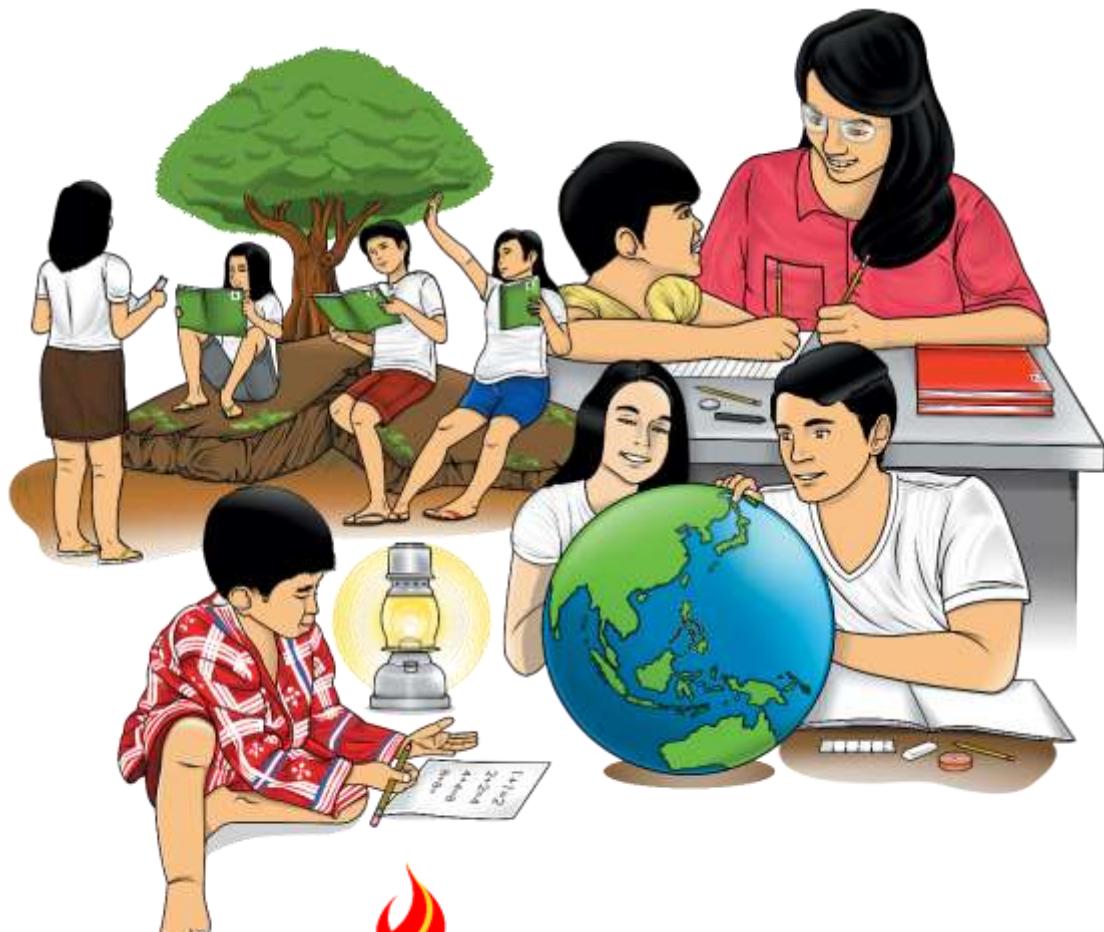


Empowerment Technologies

Quarter 1 – Module 1.2: Software Application and Platforms



**Empowerment Technologies
Alternative Delivery Mode
Quarter 1 – Module 1.2: Software Applications and Platforms
First Edition, 2020**

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Senior High School

Empowerment Technologies

Quarter 1 – Module 1.2: Software Application and Platforms

Introductory Message

This Self-Learning Module (SLM) is prepared so that you, our dear learners, can continue your studies and learn while at home. Activities, questions, directions, exercises, and discussions are carefully stated for you to understand each lesson.

Each SLM is composed of different parts. Each part shall guide you step-by-step as you discover and understand the lesson prepared for you.

Pre-tests are provided to measure your prior knowledge on lessons in each SLM. This will tell you if you need to proceed on completing this module or if you need to ask your facilitator or your teacher's assistance for better understanding of the lesson. At the end of each module, you need to answer the post-test to self-check your learning. Answer keys are provided for each activity and test. We trust that you will be honest in using these.

In addition to the material in the main text, Notes to the Teacher are also provided to our facilitators and parents for strategies and reminders on how they can best help you on your home-based learning.

Please use this module with care. Do not put unnecessary marks on any part of this SLM. Use a separate sheet of paper in answering the exercises and tests. And read the instructions carefully before performing each task.

If you have any questions in using this SLM or any difficulty in answering the tasks in this module, do not hesitate to consult your teacher or facilitator.

Thank you.



What I Need to Know

This module introduces varied online platforms, sites, and content used by people in different settings in practical and daily living. It also discusses different categories of each online platform, their uses, and their advantages in connecting with other people.

You are expected to demonstrate your knowledge of social media and other technological tools in getting information, performing online payments, communicating, doing trade, and business with different people in the world. Also, you are to realize the impact of these platforms in the global world. You have to write an insight into on the nature of ICT, and understand its implications for intercultural communication.

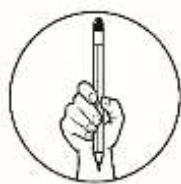
Each activity is given with exercises to let you grasp the discussion through a range of knowledgebase questions, to process their higher-order thinking skills, and constructively make them get realizations about the lessons learned.

The module mainly focuses on one lesson:

- Lesson 2 - Software Applications and Platforms

After going through this module, you are expected to:

compare and contrast the nuances of varied online platforms, sites, and content to achieve specific class objectives or address situational challenges.



What I Know

Multiple Choice: Choose the letter of the best answer. Write your answer on a separate sheet of paper.

1. Which of the following is a communication service provider in the Philippines?
 - A. Lazada
 - B. Smart Telecommunication
 - C. Social Security System
 - D. Twitter

2. Which of the following is the operating system of Blackberry phones?
 - A. Blackberry OS
 - B. Candy
 - C. Symbian
 - D. Windows Mobile

3. What type of social media website is Pinterest?
 - A. Blogs and Forums
 - B. Bookmarking site
 - C. Media Sharing
 - D. Microblogging

4. Which of the following types of social media websites focuses on short updates posted by the user?
 - A. Blogging
 - B. Hashtagging
 - C. Microblogging
 - D. Social Media

5. What is the online platform where you can store your files online?
 - A. Google Drive
 - B. Photoshop
 - C. PowerPoint
 - D. YouTube

6. What online platform is use for hashtags and posting pictures?

A. Facebook	C. Snapchat
B. Instagram	D. Twitter

7. Which platform can be useful for marketing tangible products?
A. Facebook C. Pinterest
B. Instagram D. Twitter

8. Which is the leading video-sharing platform?
A. Facebook C. Twitter
B. Instagram D. YouTube

9. What platform is used for advertising?
A. Facebook C. Twitter
B. Instagram D. YouTube

10. Which electronic communication platform is used for broadcasting information?
A. Microblog
B. Social media
C. Social network
D. YouTube

11. What social networking site can register and post your profile, connect with friends, and comment on topics in a generally interactive way?
A. Facebook C. Twitter
B. Instagram D. YouTube

12. Which is specially designed for businesses and professionals?
A. Google drive
B. Instagram
C. LinkedIn
D. Photoshop

13. Which allows users to create and manage advertising campaigns, generate reports, and retrieve information about the ads, campaigns, and organizations associated with an account.
A. advertising platforms
B. communication platform
C. grouping platform
D. teaching Platform

14. What country had a social media penetration rate of 58 percent, higher than the average of 47 percent in Southeast Asia?
A. Argentina
B. Brazil
C. Philippines
D. South Korea

15. Which site allows you to upload and share media content like images and music?
A. Facebook C. Twitter
B. Pinterest D. YouTube

Lesson 1

Software Applications and Platforms

This module introduces varied online platforms, sites, and content used by people in different settings in practical and daily living. It also discusses different categories of each online platform, their uses, and their advantages in connecting with other people.

You are expected to demonstrate your knowledge of social media and other technological tools in getting information, performing online payments, communicating, doing trade, and business with different people in the world. Also, you are to realize the impact of these platforms in the global world. You have to write an insight into on the nature of ICT, and understand its implications for intercultural communication.

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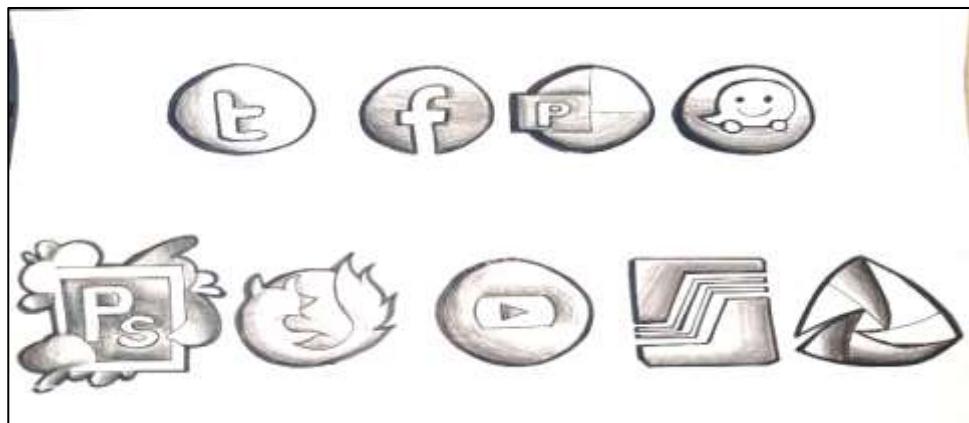
After going through this module, you are expected to:

compare and contrast the nuances of varied online platforms, sites, and content to achieve specific class objectives or address situational challenges.



What's In

Let us review your knowledge of the different online platforms and their categories. Identify the following online platforms and give a short description of them. Write the answer in your notebook.



PLATFORM

"If you can program it, then it's a platform. If you can't, then it's not."

- Marc Andreessen



Notes to the Teacher

Assess the learner's mastery of the previous lesson in this activity. It will determine whether the learners are equipped and ready to face the task ahead.



What's New

Below are some sample payment transactions made online. Look closely and analyze them, then answer the questions below.



PAYMENT INSTRUCTIONS:

Check(s): **800-Run-the-Coaster Deposit-with-Reference**

Achieve It! Payroll
ACHIEVE IT!
Account Name: **18-MTCS3580**

Account Number: **00000000000000000000000000000000**

BDO-Bank Ref: **9430875385**

Amount: **FMP L 405.73 (initial a \$10.00 service fee has been applied to this original amount)**

Description: **Booking fees TravelBella.com, Booking No. 313000313**

DatePaid: **Sunday, Jan 8, 2018 - 10:40 AM**

Step 1: Pay

- Log in to any BDO branch and **fill-in** the true CARD Deposit slip with the exact amount due.

Step 2: Confirmation

- Payments are normally processed within a few minutes.
- We will send a confirmation email to you once processed. If you do not receive one by noon local time of the next day, you may call us at 773-504-6800.

sample dragonpay online purchase bill



sample PaymentPortal bill transaction



sample QR code to scan payment

1. Where can you immediately send the money to other banks?

 2. How much loan was paid through Dragon pay?

 3. When was the bill due?

 4. How can you comfortably pay your Meralco bill?

 5. Which bank may be used by OFWs and OWWA to pay for their membership?



What is It

Different Types of Online Platforms

WEB SEARCH ENGINES

It is a software system designed to search for information on the World Wide Web (WWW). The search results are generally presented in a line of results referred to as Search Engine Results Pages (SERPs).

Communication Services

These are outsourced enterprise communications solutions that can be leased from a single vendor or provider.

A Communications Service Provider (CSP) is a provider that transports information electronically and can encompass public and private companies in telecom, internet, cable, satellite, and managed services business.



Payment System

It is any system used to settle financial transactions through the transfer of monetary value and includes the institutions, instruments, people, rules, procedures, standards, and technologies.



Advertising Platforms

It allows users to create and manage advertising campaigns, generate reports, and retrieve information about the ads, campaigns, and organizations associated with an account.

With the advent of technology, these types of payments are now being done through online transactions. It has made payments and sending or receiving money more comfortable, convenient, less hassle, and not time-consuming for people.

Payment transactions are useful in many ways. These are:

1. Cash (bills and change)
It is one of the most useful ways to use for any purchase.
2. Personal checks (US check) It is ordered through one's account.
3. Debit Card
When using this, the buyer takes the money directly out of his account.

Let us explore more of social applications and platforms.

Social Media

Social Media are forms of electronic communication (as Websites for social networking and microblogging) through which users create online communities to share information, ideas, personal messages, and other content (as videos).

Social Networking

What is the difference between social media and social networking? These are forms of media. Essentially, social media is a platform for broadcasting information, whereas social networking is a platform for communicating with one another. Social media is a communication channel, whereas, in social networking, communication has a two-way nature.

Even with the distinction being given, some nuances can be pointed out. As an example of how they differ and yet somewhat overlap, Facebook is a social networking site. You register and post your profile, connect with friends, and comment on topics in a generally interactive way. On that same social networking site, companies set up a presence and use Facebook as a way to promote their brand and gain followers.

PLATFORM FOR ADVERTISING

Facebook

Facebook advertising is picking up speed in the business world. It uses social graph and activities to pinpoint those who fall into your buyer demographics, making Facebook ads incredibly useful. Facebook ads are more likely to bring in strong leads that are looking for your services. They help make sure your advertising budget is

not wasted on those who are not interested in what you are offering. Facebook makes your product or service put into the hands of the exact person who wants it.

PLATFORM FOR HASHTAGGING

Twitter

Twitter is a fast-paced, concise, and easy way to connect with your audience.

With over 310 million registered users (and growing), Twitter is a sea of information of 140 characters or less content waiting to be read, clicked, followed, and re-tweeted. When marketing on Twitter, you need to have content that is enticing to stop and click through. People are usually scrolling quickly, to take more than just a simple text to stop them in their tracks. Make sure when you are constructing your tweets, you are making people want to click through.

PLATFORM FOR GROUPING

LinkedIn

LinkedIn is different from the rest of the social media outlets because it is specially designed for businesses and professionals. Users mainly go to LinkedIn to showcase their job experience and professional thoughts, making it one of the most important platforms to use for those in B2B.

LinkedIn is a valuable tool not only for driving traffic but prospecting, establishing thought leadership, as well as recruiting.

PLATFORM FOR TEACHING

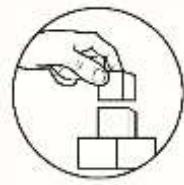
YouTube

YouTube is the leading video-sharing platform in the world. On your channel, your brand can share and edit videos, create playlists, and prompt discussions.

PLATFORM FOR ANALYZING BUSINESS

Pinterest

Pinterest is one of the unique marketing platforms on this list. Instead of posting content for your audience to read, on Pinterest, you will post just a clickable picture and a short



What's More

Read the selection carefully and accomplish the next activity.

PINOYS TOP SOCIAL MEDIA USERS, ACCORDING TO STUDY by Miguel R. Camus (2007)

Filipinos spend more time on social media sites than anyone else in the world, going online roughly 4 hours and 17 minutes a day, according to a report released last Tuesday.

US among bottom Half

Brazilians and Argentinians followed closely behind, spending 3 hours and 43 minutes and 3 hours and 32 minutes on social media, respectively, the report said. The United States, where many of these social media layers were found, is among the bottom half, with Americans spending an average of just 2 hours and 6 seconds per day. The least active were the Japanese, who log on an average of just 40 minutes daily. “It’s probably due to the same cultural dynamics that made us the text messaging capital of world,” said Ramon Isberto, spokesperson for telecoms giant PLDT and Smart, referring to mobile phone text messaging in the past decade that is now giving way to Internet-based applications. “Filipinos like to keep in touch,” Isberto said.

Slowest in Asia pacific

The Philippines’ social media usage was in stark contrast to its Internet speed. Fixed broadband speed here is among the slowest in Asia-Pacific, while mobile connections are among the fastest, according to the most recent Akamai report. There appeared to be a relationship between poor fixed-broadband speed and time spent on social media. The Philippines, Brazil, and Argentina have an average fixed-line broadband speed of 4.2 megabits per second (Mbps), 5.5 Mbps and 5 Mbps, respectively. The fastest was South Korea, with 26.3 Mbps, and its citizens just spend about 1 hour and 11 minutes a day on social media.

Internet use on the rise

According to the report, the Philippines' internet and social media users grew by over 25 percent, up 13 million and 12 million over last year, respectively. Mobile was also a fast-growing platform, accounting for 38 percent of all web traffic in the country, up almost a third over 2016. The Philippines, so far, had a social media penetration rate of 58 percent, higher than the average of 47 percent in Southeast Asia. Around the world, internet users grew 10 percent, or an additional 354 million people, while active social media users jumped 21 percent, or an additional 482 million. Global active netizens using mobile phones and other devices surged 30 percent or another 581 million people.

CHART IT!

Complete the table below based on the data from the selection you have just read.

Social Media Users based on a Study

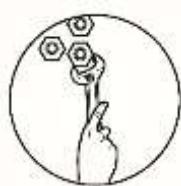
	Filipinos	Brazilian Argentinians		United States	Americans	Japanese
No. of hours spent in social media						
Internet Speed						



What I Have Learned

Fill in the blanks with the concepts learned to complete the statements below.

1. _____ are sites that allow you to connect with other people with the same interest.
2. It is an open source called _____ which was developed by Google for free.
3. The _____ has revolutionized connectivity and communication and helped people share their ideas more wildly.
4. _____ has made payments easier and more convenient for people.
5. Google Drive, Viber, Facebook are examples of _____.
6. The site that allows you to upload and share media content like images, music is called _____.
7. Mass media has contributed a lot in _____ and _____.
8. _____ are now also used in smart TV's like it was used in smartphones before.
9. _____ is the process by which people and goods move easily across borders.
10. _____ speed has become slowest in most places in Asia.



What I Can Do

With the constant advancement in technology, people can now utilize internet to manage their bills online. Use your researching skills in identifying how to pay your Meralco Bill online. Provide the step by step procedure. You may use a separate sheet of paper for this activity.



Assessment

Multiple Choice: Choose the letter of the best answer. Write your answer on a separate sheet of paper.

1. What is the online platform where you can store your files online?
 - A. Google Drive
 - B. Photoshop
 - C. PowerPoint
 - D. YouTube
2. What platform is used for advertising?
 - A. Facebook
 - B. Instagram
 - C. Twitter
 - D. YouTube
3. Which is specially designed for businesses and professionals?
 - A. Google drive
 - B. Instagram
 - C. LinkedIn
 - D. Photoshop
4. Which of the following is the operating system of Blackberry phones?
 - A. Blackberry OS
 - B. Candy
 - C. Symbian
 - D. Windows Mobile
5. Which site allows you to upload and share media content like images and music?
 - A. Facebook
 - B. Pinterest
 - C. Twitter
 - D. YouTube
6. Which allows users to create and manage advertising campaigns, generate reports and retrieve information about the ads, campaigns, and organizations associated with an account.
 - A. advertising platforms
 - B. communication platform
 - C. grouping platform
 - D. teaching Platform

7. Which electronic communication platform is used for broadcasting information?
- Microblog
 - Social media
 - Social network
 - YouTube
8. Which platform can be useful for marketing tangible products?
- Facebook
 - Instagram
 - Pinterest
 - Twitter
9. What type of social media website is Pinterest?
- Blogs and Forums
 - Bookmarking site
 - Media Sharing
 - Microblogging
10. Which of the following is a communication service provider in the Philippines?
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 - Smart Telecommunication
 - Social Security System
 - Twitter
11. Which of the following is a communication service provider in the Philippines?
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 - Social Security System
 - Twitter
12. Which is the leading video-sharing platform?
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 - Instagram
 - Twitter
 - YouTube
13. What social networking site can register and post your profile, connect with friends, and comment on topics in a generally interactive way?
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 - Instagram
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- Argentina
 - Brazil
 - Philippines
 - South Korea
15. What online platform is use for hashtags and posting pictures?
- Facebook
 - Instagram
 - Snapchat
 - Twitter



Additional Activities

Refer again to the table for social media users. Make a pie chart to show the distribution of the number of hours spent on social media sites by the different people mentioned in the reading text. Describe your pie chart, then send your work to your teacher's Facebook or Messenger account.

Congratulations! You have just finished this module. But before you formally end this journey, kindly collect all of your activities and create an online or a traditional portfolio to be submitted to your teacher. The collection will serve as the memory of your comprehensive and enjoyable journey with the subject: Empowerment Technologies.



Answer Key

What I Have Learned	What's New	Assessment	What I know
1. Social networks	1. Pay and Pesos Net	1. A	1. B
2. Android	2. Php 1,450.73	2. A	2. A
3. Internet	3. C	3. B	3. C
4. Online payments	4. A	4. C	4. A
5. Online	5. A	5. A	5. D
6. Media sharing	6. A	6. D	6. A
7. Communication and business	7. B	7. C	7. B
8. WebOS	8. C	8. D	9. A
9. Globalization	9. B	9. B	10. B
10. Fiber-broadband	10. D	11. A	11. C
	11. B	12. D	12. C
	12. D	13. A	13. A
	13. A	14. C	14. C
	14. C	15. D	15. D

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