

## CUSTOMER DETAILS

SL.No	Customer name	Nature of account	Account number	Telephone number	E-mail ID
1	Anshidha	Savings	224958751	21665656+565	<a href="mailto:anshidha36@gmail.com">anshidha36@gmail.com</a>
2	Anusree	Savings	224958754	65466115	<a href="mailto:anusree22334@gmail.com">anusree22334@gmail.com</a>
2	Arshida	FD	224958755	2.16577E+12	<a href="mailto:arshidha9897@gmail.com">arshidha9897@gmail.com</a>
3	Aswathy	Savings	224958752	213249874	<a href="mailto:aswathy987fjh@gmail.com">aswathy987fjh@gmail.com</a>
4	Avika	current	224958762	6547968	<a href="mailto:avika@gmail.com">avika@gmail.com</a>
5	Kailasnath	Current	224958756	3265787	<a href="mailto:kailasnath@gmail.com">kailasnath@gmail.com</a>
6	Kamal	FD	224958760	2164847	<a href="mailto:kamal@gmail.com">kamal@gmail.com</a>
7	Nooha	RD	224958753	54156461323	<a href="mailto:nooha@gmail.com">nooha@gmail.com</a>
8	Surya	RD	224958758	1.34655E+13	<a href="mailto:surya4324@fgmail.com">surya4324@fgmail.com</a>
9	Vignesh	Savings	224958757	25465547	<a href="mailto:vignesh@gmail.com">vignesh@gmail.com</a>

Employee details			
NAME OF EMPLOYEE	DEPT.	NET PAY	CITY ADDRESS
Sakthi	Production	80000	Coimbatore
Aswathi	Sales	50000	Chennai
Vignesh	Sales	50000	Coimbatore
Anisha	Production	35000	Chennai
Anshi	Hr	40000	Trichi
Arshi	Hr	40000	Madhurai
Vishnu	Sales	50000	Coimbatore
Nooha	Production	80000	Chennai
Anusree	Production	80000	Calicut

# EMPLOYEE PAYROLL

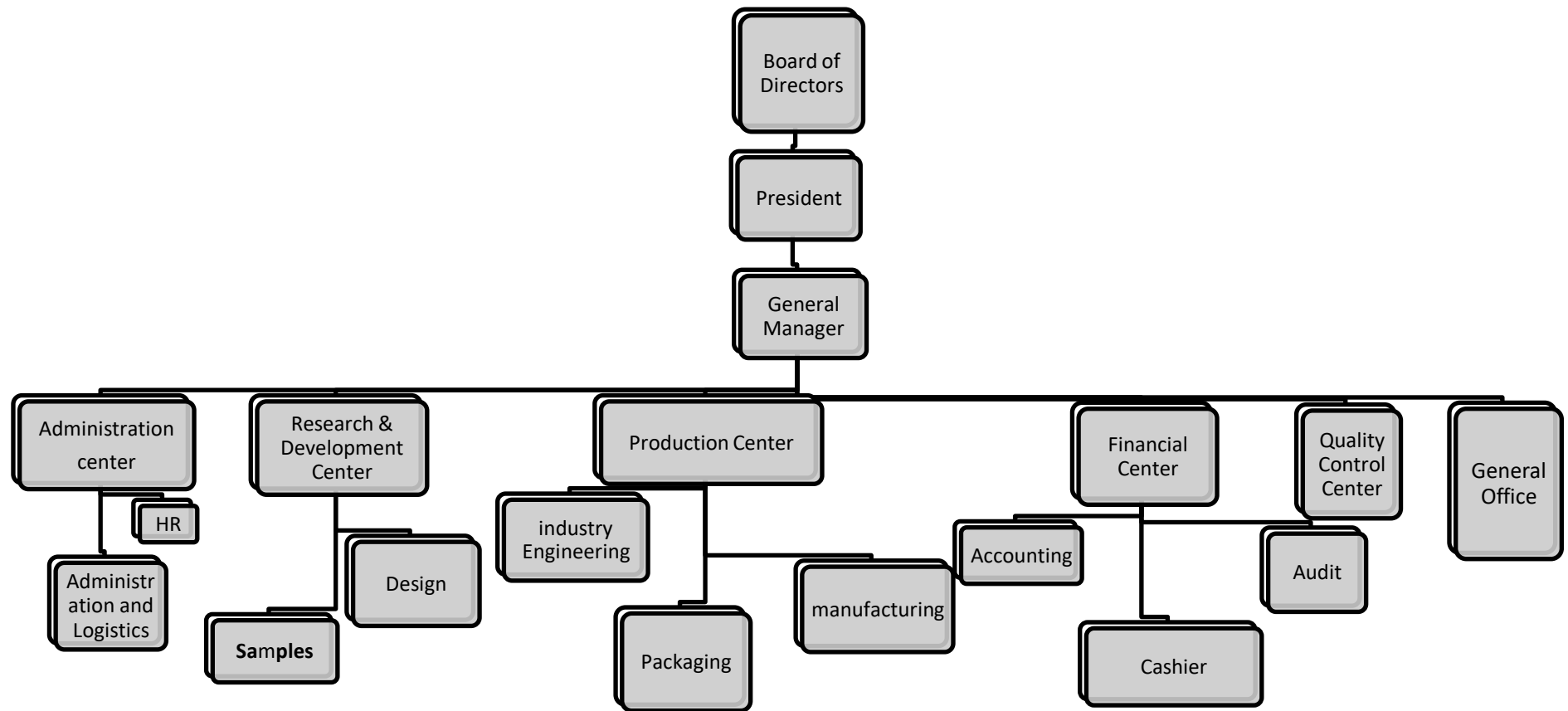
## Employee Payroll for the month February

SL. NO	Name of employee	ID	Total Gross Salary								Total Deductions				Net Payment
			Basic Salary	DA	HRA	CCA	EPF	Bonus	LIC	Total	Contribution	Profession	TDS	Total	
1	Sakthi	121	30000	6000	1700	2150	1450	2500	2520	46320	500	0	0	500	45820
2	Vishnu	122	25000	1200	5000	1250	3550	0	325	36325	100	0	0	100	36225
3	Vignesh	123	50000	2500	3200	3540	2550	0	0	61790	2000	0	0	2000	59790
4	Kailas	124	100000	1000	12500	6500	1400	0	1000	167062	0	0	0	0	167062
5	Nooha	125	7000	4000	2210	9520	9500	2500	31	34761	0	0	0	0	34761
6	Anisha	126	12000	6000	2225	4500	6500	0	12	31237	350	0	0	350	30887
7	Anishitha	127	5000	2500	3312	2500	1200	14250	3535	32297	250	0	0	250	32047
8	Arshitha	128	9000	3000	3500	8560	6544	3320	1550	35474	0	0	0	0	35474
9	Anusree	129	10000	1200	9500	3500	320	0	750	25270	0	0	0	0	25270
10	Aswathy	130	25000	3000	4500	4500	3200	1220	695	42115	0	0	0	0	42115

COIMBATORE CITY			
EMPLOYEE DETAILS			
Name Of Employee	Dept.	Net Pay	City Address
Sakthi	Production	80000	Coimbatore
Vignesh	Sales	50000	Coimbatore
Vishnu	Sales	50000	Coimbatore

PRODUCTION DEPT.			
EMPLOYEE DETAILS			
Name Of Employee	Dept.	Net Pay	City Address
Sakthi	Production	80000	Coimbatore
Anisha	Production	80000	Chennai
Nooha	Production	80000	Chennai
Anusree	Production	80000	Calicut

HIGHEST SALARY			
EMPLOYEE DETAILS			
Name Of Employee	Dept.	Net Pay	City Address
Sakthi	Production	80000	Coimbatore
Anisha	Production	80000	Chennai
Nooha	Production	80000	Chennai
Anusree	Production	80000	Calicut



# Enhancement of the Private Cloud Data Transaction by using an Orthogonal Handshaking Authentication Protocol (OHSAP)

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## ABSTRACT

Now a day, “Cloud Computing” is an inevitable trend in the field of information technology due to the reason for information sharing as well as the resource utilization. In most of the organizations either it may be a profitable or non profitable category must focus on the resource sharing due to minimization of its infrastructure development cost. In spite of its tremendous growth, there will be a great question mark for the security on the data transaction between the cloud service providers (CSP) and the end user or client. The privacy information stored in the cloud service provider data bases will be utilized by the authorized end users in many occasions as well as it will be shared by communication channel with highly secured authentication protocols. Even though existence of several cryptographic algorithms, the intruders breaks the cipher text for the authentication protocol and create a road map for data loss. In this research paper especially focus on the security issues of data transaction under private cloud with the help of the proposed protocol named as “Orthogonal Handshaking Authentication Protocol (OHSAP)”.

**Keywords:** Cloud, Private, Security, Data and Authentication.

## 1. INTRODUCTION

Security for the data storage as well as the utilization is a challenging task either in the public /private cloud environments for the reason of the service consumer/clients attempt themselves to do the data transactions. In the category of private cloud service providers are always ensure themselves a secure data storage management or service allocation for the clients. Anyhow, there will be numerous possibilities for the intruders attack on the data transaction by the third party agents/intruders. The possibility for the data loss due to the interruption for unauthorized users is clearly depicted by the fig 1.1. The major issues are the security for the existing /stored data in the cloud server. Usually, the required user utilize the service via the cloud may cause the problem of data loss or intruder inject his own message. In this, case there is a question mark for the security on the private data transmission between the cloud server and the service consumer. In this paper address this issue and propose the solution to protect it.

The data transaction over the common communication channel always needs an advanced security mechanism to ensure the secure transaction especially in the privacy information for clients or end users. In most of the

occurrences, the privacy information's or confidential documents will be modified by the intruders on the communication channel with the help of malicious authentication protocols.

The orthogonal handshaking authentication protocol (OHSAP) mechanism is a proposed security solution; it allows data to be protected in storage and transit in private clouds in a specialized form of an Encryption. The information sharing between the end users with the help of cloud service provider (CSP) is usually carried out by the web based tools or applications [1].

In general, the functional components of the cloud service providers will be categorized as Infrastructure as a Service (IaaS), Platform as a Service (PaaS) [4], and Software as a Service (SaaS) and other different services are also to offer [2][3][4].

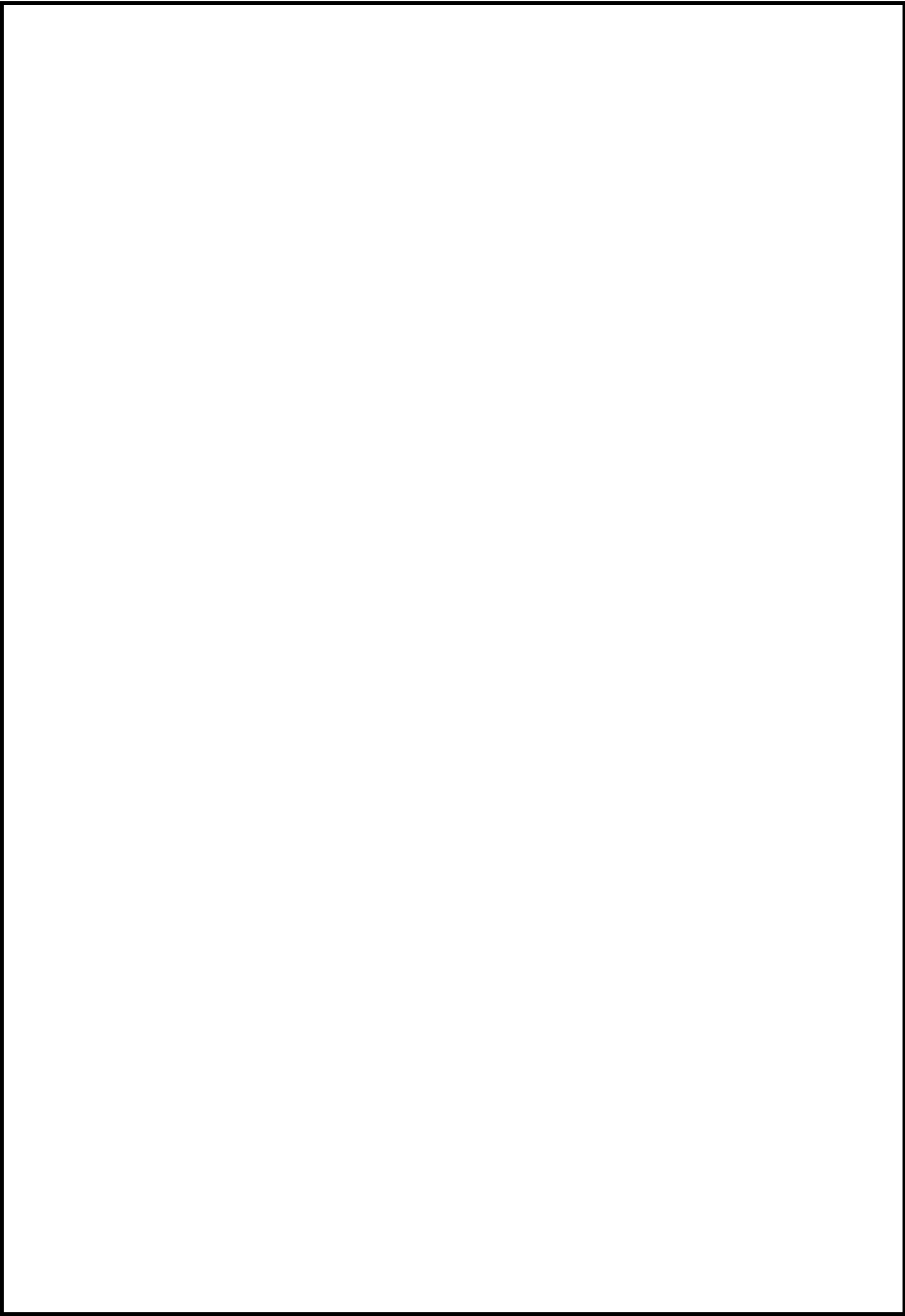
## 2. RELATED WORK

In the contemporary trends in information technology provide a root cause for simplify the task of the resource sharing and utilization .In the meantime, the cloud service provider must ensure the communication will be a secure one especially in the sensitive data transactions under the private cloud . In few circumstances, the unauthorized users try to break the encrypted key exchange or to find the physical address for the CSP by the way to create an unauthenticated effective server in the path of data communication and indulged in the information theft [5].

The data on cloud will be intersected by the intruders either in the data at rest in the data store or in the transaction. For this reason, the researchers focus these above two aspect whenever try to propose or implement a security algorithms. The attempt of a security attack in the data store usually prevent by using an encryption mechanism for ensuring the data confidentiality and to secure the data during transaction by using an authentication protocols. In the way of ensuring the data encryption will be based on the encrypted text (Cipher Text) and the Encryption Key (Ek) [6].

In general the “cloud computing” data storage and access to be entertain huge volume of data storage as well as data transaction. In this perspective, the researchers also concentrate on the time delay for the response. The end user or clients submits their request in order to access the data to be stored on the cloud storage, it will give a quick response.

If the processing time for the proposed algorithms by the researchers takes long time to run the application





# COST AUDIT REPORT

Monday, February 6, 2023

We have audited the accompanying consolidated balance sheets of X Company (the Firm) as of December 31, 20XX, and the related statements of income, comprehensive income, retained earnings, changes in stockholders' equity, and cash flows for the year then ended, and a synopsis of the accounting policies and other information. We also have audited the Firm's internal control over financial reporting as of December 31, 20XX.

## **Management's Responsibility for the Financial Statements**

These financial statements are the responsibility of the Firm's management. The Firm's Board of Directors is responsible for the matters concerning preparing these financial statements that give a true and fair view of the firm's financial position, financial performance, and cash flows following accounting principles generally accepted in the United States of America.

## **Auditor's Responsibility**

Our responsibility is to express an opinion based on our audit on these financial statements. The audit has been conducted following the auditing standards generally accepted in the United States of America. The standards necessitate us to plan and perform the audit to gain assurance on the authenticity of the financial statements and ensure that it is free from any misstatements or possible frauds. The audit includes an inspection of the amounts

and disclosures in the financial statements. The audit will provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present justly, the financial position of X Company as of December 31, 20XX, conforms to the accounting principles generally accepted in the United States of America. Also, in our opinion, the Firm maintained effective internal control over financial reporting as of December 31, 20XX.

[Signature]

[Place]

[Date]

# QUESTIONNAIRE

1. Name: \_\_\_\_\_
2. Email ID: \_\_\_\_\_
3. Gender: ☐ Male  
☐ Female
4. Age: ☐ Below 20  
☐ 21-40  
☐ 41-50  
☐ Above 50
5. Income: ☐ Below 20000 ☐ 20000-50000  
☐ 50000-100000 ☐ Above 100000
6. Do you have an investment in gold?  
☐ Yes ☐ No
7. If yes, why do you prefer to invest in gold?  
☐ Easy to sell ☐ Easy liquidity  
☐ Tax benefits ☐ Start with small amount
8. Do you think investing in gold has some benefits?  
☐ Strongly agree ☐ Agree  
☐ Disagree ☐ Strongly disagree
9. Are you aware about digital gold investment?  
☐ Yes ☐ No
10. Will you prefer to have digital gold investments?  
☐ Yes ☐ No

# FUTURE OF DIGITAL COMMERCE IN INDIA

## INTRODUCTION

The Digital commerce Industry in India has come a long way since its early days. The market has matured and new players have entered the market space. In the present dynamic scenario, ecommerce market in the B2C space is growing in demand as well as in the array of services. The transition to online purchasing from traditional purchasing is taking a long time in the Indian market. E commerce includes not only buying and selling goods over Internet, but also various business processes within individual organizations that support the goal. As with ecommerce, e-business (electronic business) also has a number of different definitions and is used in a number

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

## CONCEPTS AND DEFINITIONS

Electronic commerce or Digital commerce refers to a wide range of online business activities for products and services. It also pertains to “any form of business transaction in which the parties interact electronically rather than by physical exchanges or direct physical contact.” A more complete definition is: Digital commerce is the use of electronic communications and digital information processing technology in business transactions to create, transform, and redefine relationships for value creation between or among organizations, and between organizations and individuals.

### DIFFERENT TYPE OF E-COMMERCE:

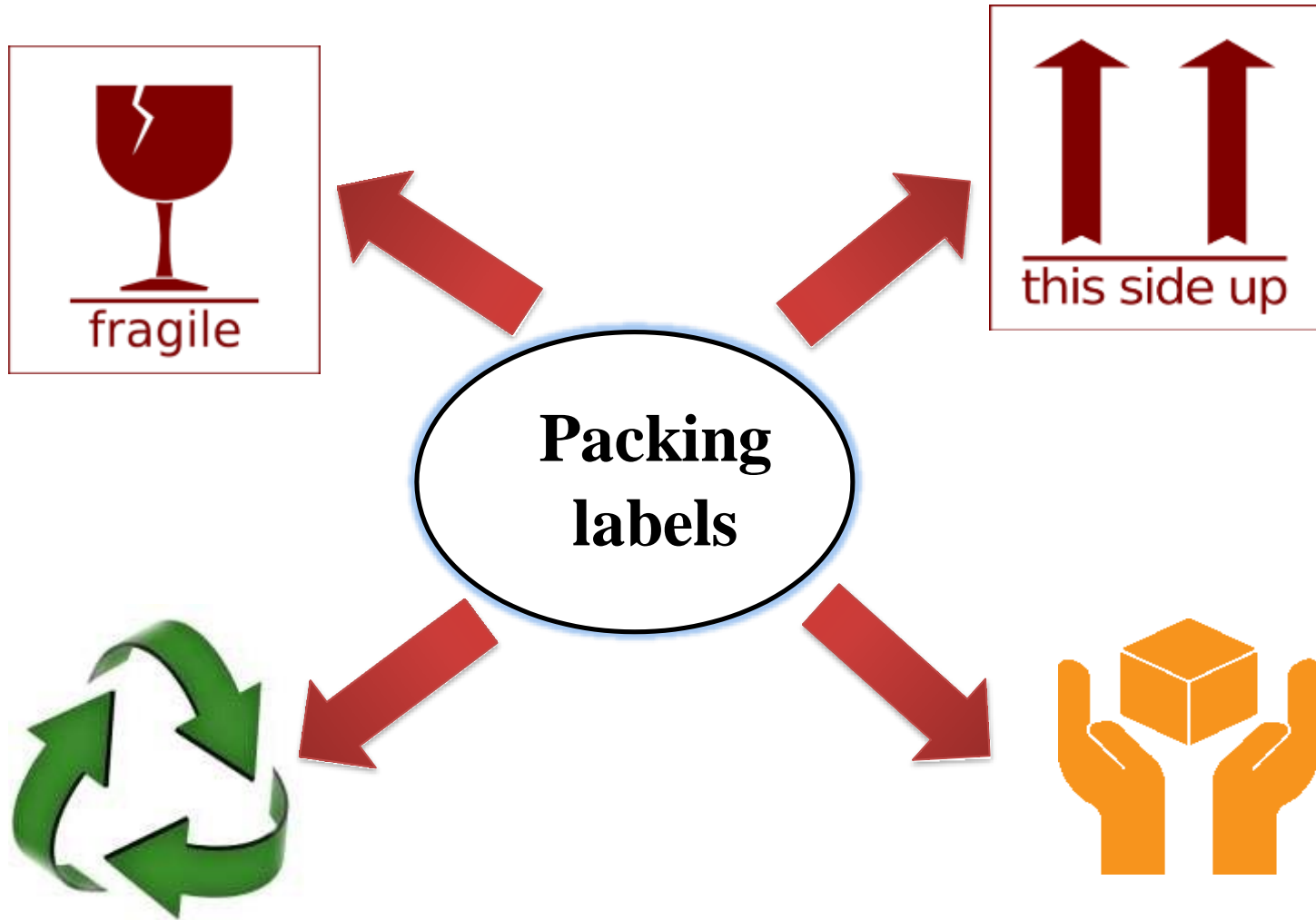
The major different types of Digital commerce are: business-to-business (B2B); business to- consumer (B2C); business-to-government (B2G); consumer-to-consumer

(C2C); and mobile commerce (m-commerce).

## DIGITAL COMMERCE IN INDIA

For developing countries like India, Digital commerce offers considerable opportunity. Ecommerce in India is still in growing stage, but even the most-pessimistic projections indicate a boom. It is believed that low cost of personal computers, a growing installed base for Internet use, and an increasingly competitive Internet Service Provider (ISP) market will help fuel Digital commerce growth in Asia's second most populous nation. The first Digital commerce site in India was rediff.com. It was one of the most trafficked portals for both Indian and nonresidents Indians. It provided a wealth of Indian-related business news a reach engine, ecommerce and web solution services. The past 2 years have seen a rise in the number of companies enabling Digital commerce technologies and the internet in India. Major Indian portal sites have also shifted towards Digital commerce instead of depending on advertising revenues. The web communities built around these portal sites with content have been effectively targeted to sell everything from event and mouse tickets

## DIFFERENT PACKAGING LABELS



# Employee performance appraisal

Employee details:										
Employee name	Address	Employee ID	Job knowledge		Work quality		Punctuality		Communication skill	
			Good	Poor	Good	Poor	Good	Poor	Good	Poor
Abhinav	<a href="#">Chulliyode</a>	192303	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aiswarya	<a href="#">Malappuram</a>	192306	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Arshitha	<a href="#">Calicut</a>	192308	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aswin	<a href="#">Erumad</a>	192301	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Athira	<a href="#">Panthalur</a>	192302	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Joseph	<a href="#">Gudalur</a>	1923010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kailas Nath	<a href="#">Kannur</a>	192304	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kavya	<a href="#">Bathery</a>	192307	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Manu	<a href="#">Mananthavady</a>	192309	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sakthi	<a href="#">Panamaram</a>	192305	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Ms. ARSHIDAJABIN  
Mob: +91 8300585921  
Email: [arshida123@gmail.com](mailto:arshida123@gmail.com)

#### CAREER OBJECTIVE:

Seeking a responsible and challenging career in a dynamic environment and to involve myself in the growth process of organization, where I can learn new things and build on my experience every day

#### CORE COMPETANCIES

- Entrepreneur skills
- Strong communication skills
- Flexibility
- Good motivational skills

#### EDUCATION:

COURSE	SCHOOL/ COLLEGE	BOARD/ UNIVERSI TY	CGPA
B COM FINANCE	Nilgiri college of arts and science	Bharathiar university	78%
HSC	Sacred Heart	State board	92
SSLC	Sacred Heart	State board	94

#### HOBBIES:

- Cooking
- Handicrafts making
- Gardening
- Listening Music

#### CERTIFICATIONS/ WEBINARS:

- Participated in **Infosys Student Development Program**.
- Certified in **Google Data Analytics Capstone** conducted by **Google**.
- Participated in **Employability and Remote Workforce** conducted by **ICT Academy of Kerala**.
- Seminar on **“Innovation & Entrepreneurship”**.

#### LINGUISTIC SKILLS:

LANGUGE	READ	WRITE	SPEAK
English	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tamil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Malayalam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hindi	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### TECHNICAL SKILLS:

- MS [Excel, Word, Powerpoint]

#### PERSONAL PROFILE:

Name: Arshidajabin  
Father's Name: Abdul Azeez  
DOB/Age: 18-02-2001/21yrs  
Gender: Female  
Address: Kalody(H)  
Cherambady  
The Nilgiris, Tamilnadu

#### DECLARATION:

I declare that the above-mentioned details are true in best of my knowledge.

Date:

Arshidajabin

Balance Sheet as at 31st March, 2011			
Particulars	Note No	Figures as at the end of current reporting period	Figures as at the end of previous reporting period
<b>I. EQUITY AND LIABILITIES</b>			
<b>(1) Shareholder's Funds</b>			
(a) Share Capital			
(b) Reserves and Surplus			
(c) Money received against share warrants			
<b>(2) Share application money pending allotment</b>			
<b>(3) Non-Current Liabilities</b>			
(a) Long-term borrowings			
(b) Deferred tax liabilities (Net)			
(c) Other Long term liabilities			
(d) Long term provisions			
<b>(4) Current Liabilities</b>			
(a) Short-term borrowings			
(b) Trade payables			
(c) Other current liabilities			
(d) Short-term provisions			
<b>Total</b>			
<b>II. Assets</b>			
<b>(1) Non-current assets</b>			
(a) <i>Fixed assets</i>			
(i) Tangible assets			
(ii) Intangible assets			
(iii) Capital work-in-progress			
(iv) Intangible assets under development			
(b) Non-current investments			
(c) Deferred tax assets (net)			
(d) Long term loans and advances			
(e) Other non-current assets			
<b>(2) Current assets</b>			
(a) Current investments			
(b) Inventories			
(c) Trade receivables			
(d) Cash and cash equivalents			
(e) Short-term loans and advances			
(f) Other current assets			
<b>Total</b>			