

# TechLib

Library Automation

(Implementation Manual)

Ver 3.0

# Implementations

## Software

## Platform

A. TechLib 8  
(Desktop application)



Local Area Network (LAN)

B. TechLib Web  
(Web application)



Cloud

C. TechLib MOBI  
(Mobile application)



Google Play Store



# Section A

Implementation  
of TechLib8

(Desktop Application)

On

Local Area Network (LAN)



# Implementation of Desktop Application

Activities	Responsibility	Duration
1. Hardware requirement	Client	--
2. Establish LAN	Client	--
3. Internet connectivity	Client	--
4. Software Installation	Vendor	1 Day
5. Training to the user staff	Vendor	Upto 7 Days
6. Data Entry	Vendor	Volume based
7. Data Formatting	Vendor	3 Days
8. Data Import	Vendor	1 Day
9. Circulation Initiation	Vendor	1 Day



# 1. Hardware requirement

## Specifications

## Quantity

### Server

1. Server computer
2. Processor (Intel I 3 or above)
3. RAM (4 GB or above)
4. HDD(200 GB or above free)

One

### Client

1. Desktop computers / Laptops
2. Processor (Core 2 Duo or above)
3. RAM (2 GB or above)
4. Hard Disk Drive (20 GB or above free)

Client to decide



## **2. Establish LAN**

### **Activities**

- 1. LAN Switch**
- 2. LAN Cables**
- 3. Power backup**
- 4. Power backup**
- 5. Mounting**

### **Specifications**

**16 or more ports**

**As per location**

**Minimum 1 day for Server**

**Individually for each client**

**Cables to be fixed**



### 3. Internet Connectivity

The purpose of connectivity is ongoing technical support and real-time update of transactions on cloud.

1. Internet connectivity (Minimum 20 Mbps)
2. Download of Anydesk [www.anydesk.com](http://www.anydesk.com)
3. Download of TeamViewer [www.teamviewer.com](http://www.teamviewer.com)
4. Download of Ammy [www.ammyy.com](http://www.ammyy.com)



## **4. Software Installation**

### **Activities**

- 1. Download of necessary files**
- 2. Installation of DBMS**
- 3. Installation of software**
- 4. Activation of license on server**





## 5. Training to the user staff

### Activity

### Requirement

1. Training to the users staff

Qualified staff

2. Practice sessions for the staff

Time for practice



## 6. Data entry / import

### Activities

### Format

- |                            |                         |
|----------------------------|-------------------------|
| a. Accession register      | TLImportAccession.xls   |
| b. Member record           | TLImportMembers.xls     |
| c. Location data           | TLImportAlmiraShelf.xls |
| d. Withdrawn items         | TLImportTransition.xls  |
| e. Newspapers              | TLImportNewspaper.xls   |
| f. Magazine / journal data | TLImportPeriodical.xls  |
| g. Pending items           | TLImportPending.xls     |



TechLib 7 15-Aug-2020 15:08

Acquisition  
Circulation  
Reports  
Online  
Serial  
OPAC

Quick Issue  
Quick

**Tools**  
Quit

- Print
- Database
- Data Export
- Data Import**
- Data Update
- Data Allocate
- Miscellaneous
- Stock Verification
- Reset Password
- User Rights
- Photocopy
- About

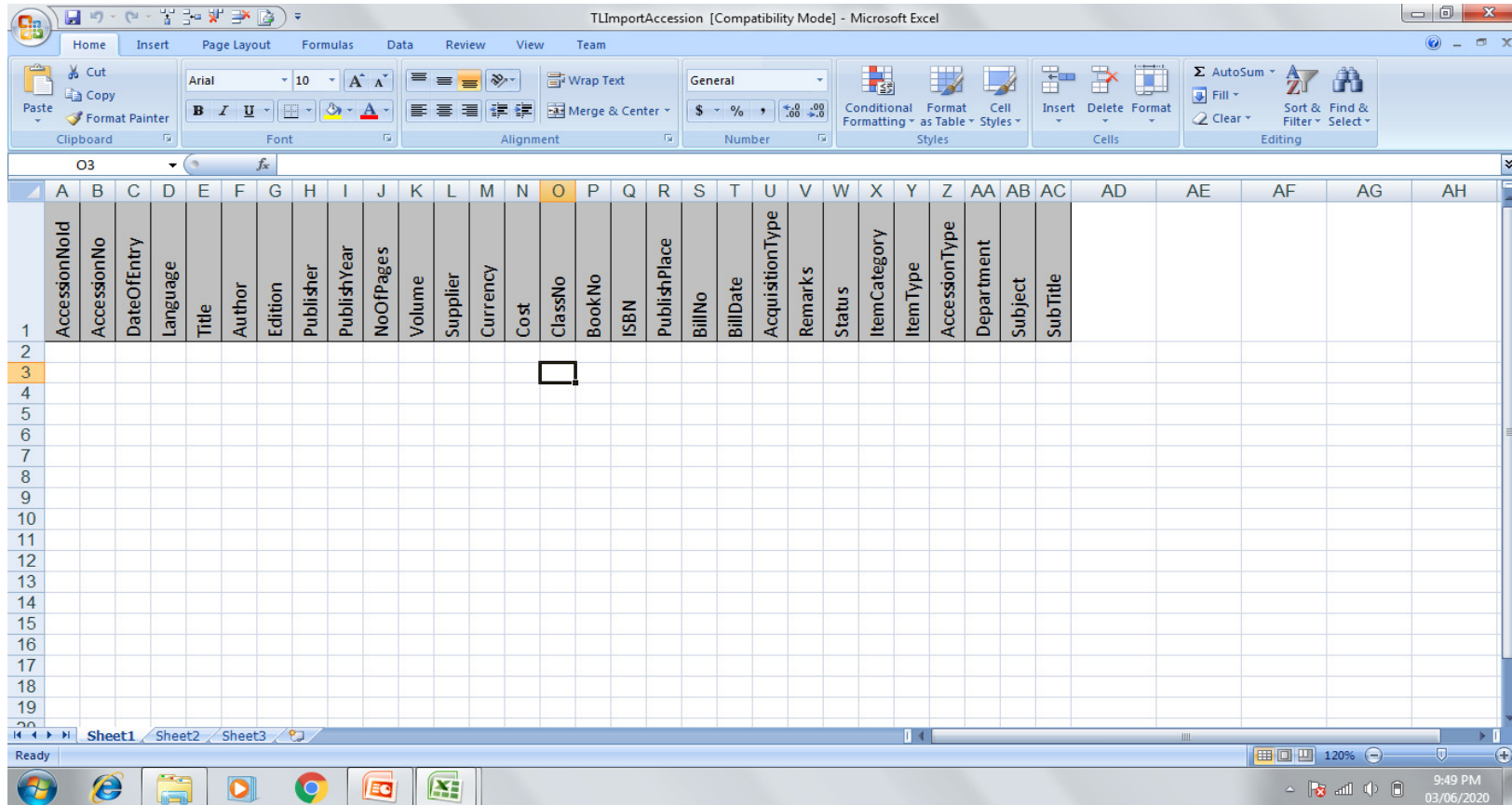
- Items
- Events
- Articles
- Members
- Periodicals
- Withdrawn
- Newspaper
- Almira Shelf
- Issue Return

Lib 7



# 6a. Accession Register

[www.techlib.in/Promotion/TLImportAccession.xls](http://www.techlib.in/Promotion/TLImportAccession.xls)

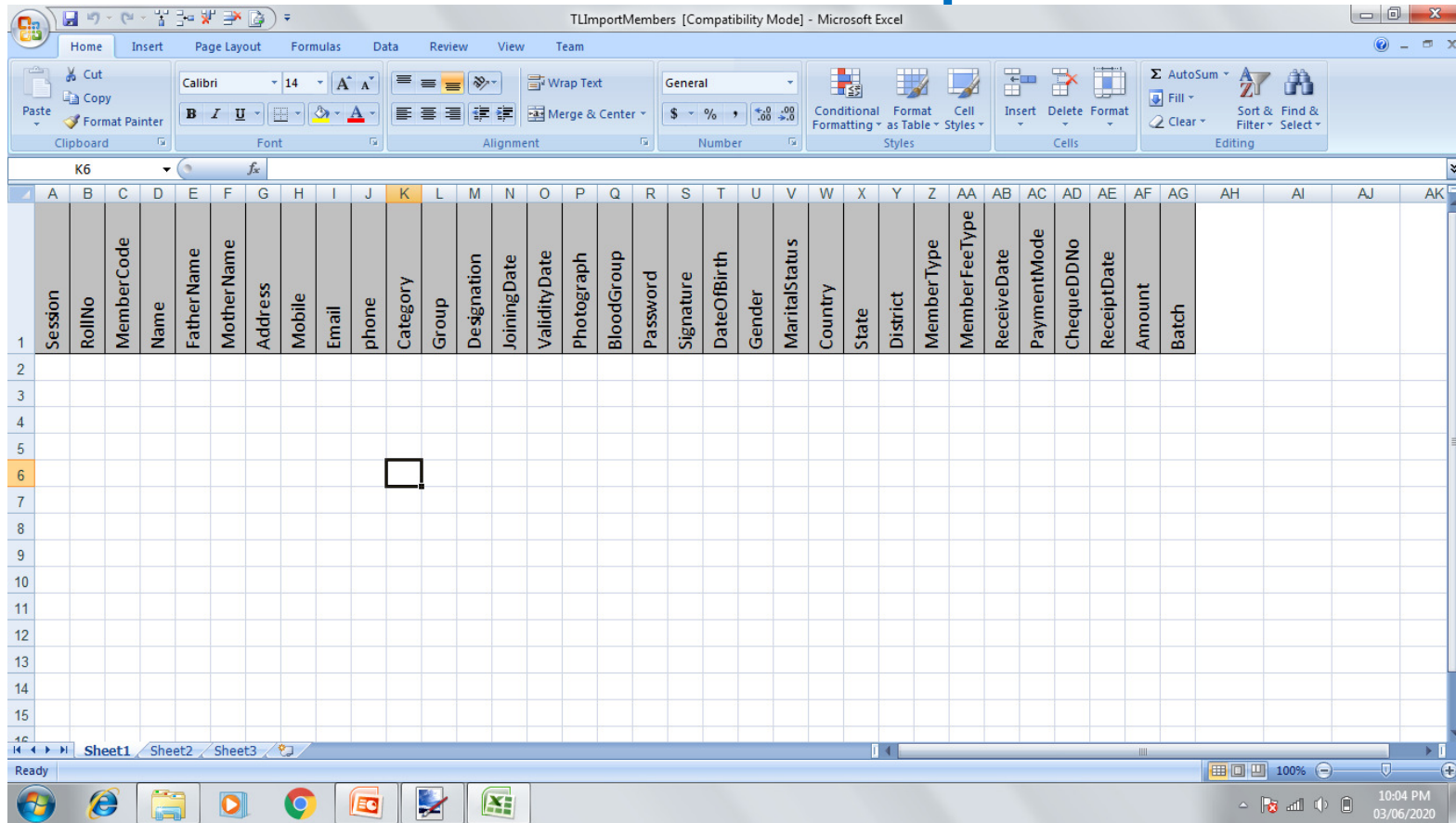


Support available to convert data in this format.



# 6b. Member Record

[www.techlib.in/Promotion/TLImportMembers.xls](http://www.techlib.in/Promotion/TLImportMembers.xls)



Support available to convert data in this format.



# 6c. Almira Shelf

[www.techlib.in/Promotion/TLImportAlmiraShelf.xls](http://www.techlib.in/Promotion/TLImportAlmiraShelf.xls)

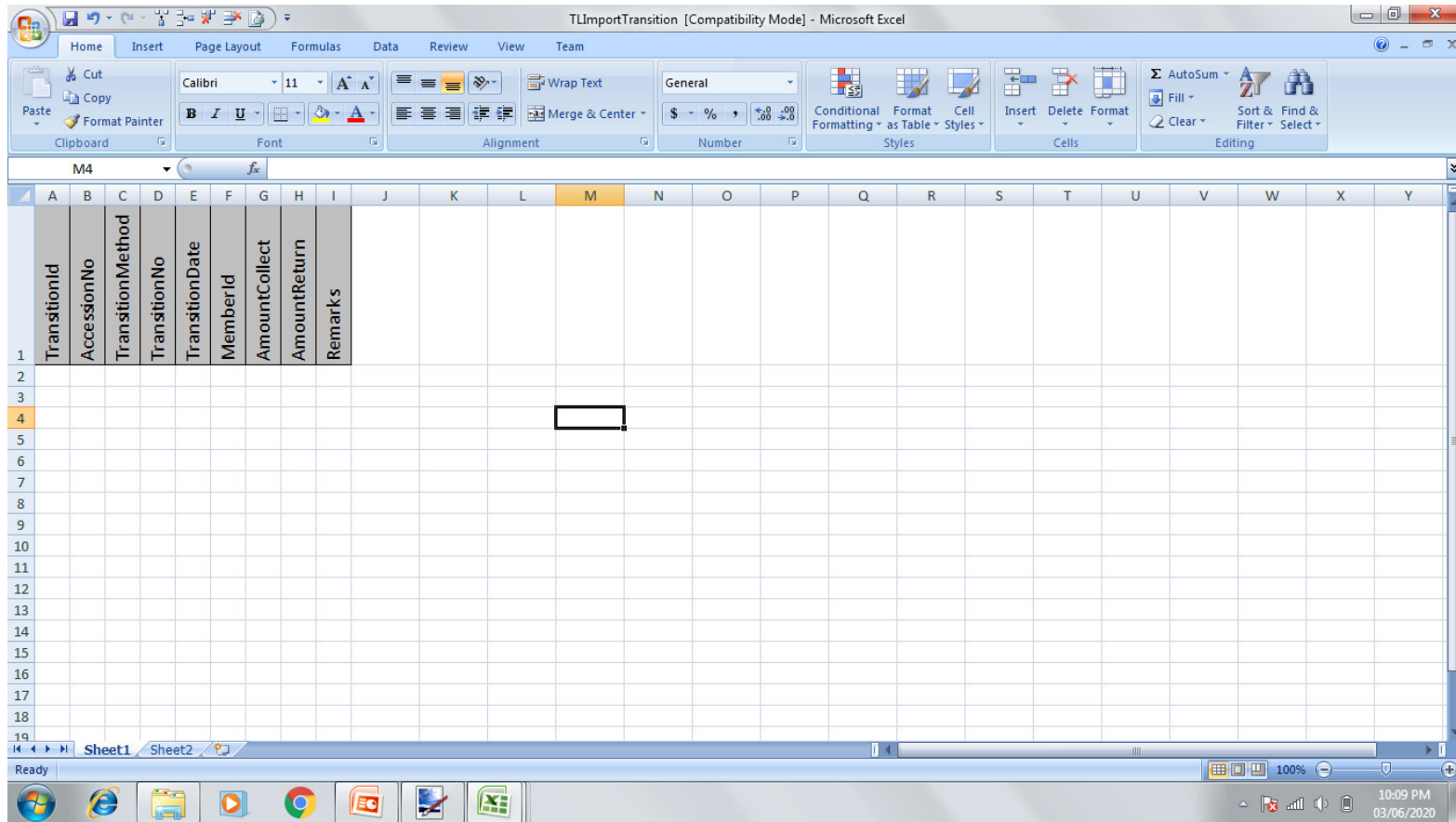
	A	B	C	D
1	AccessionNo	Almira	Shelf	
2	1	1	A	
3	2	1	A	
4	3	1	A	
5	4	1	A	
6	5	1	A	
7	6	1	A	
8	7	1	A	
9	8	1	A	
10	9	1	A	
11	10	1	A	
12				
13				
14				
15				
16				
17				

Support available to convert data in this format.



# 6d. Withdrawn Items

[www.techlib.in/Promotion/TLImportTransition.xls](http://www.techlib.in/Promotion/TLImportTransition.xls)



Support available to convert data in this format.



# 6e. Newspaper

[www.techlib.in/Promotion/TLImportNewspaper.xls](http://www.techlib.in/Promotion/TLImportNewspaper.xls)

The screenshot shows a Microsoft Excel spreadsheet titled "TLImportNewspaper [Compatibility Mode] - Microsoft Excel". The spreadsheet has a header row (row 1) with columns A through X. Column A is labeled "Newspaper", column B is "Supplier", column C is "Monday", column D is "Tuesday", column E is "Wednesday", column F is "Thursday", column G is "Friday", column H is "Saturday", and column I is "Sunday". The data rows (rows 2-4) show the following information:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	Newspaper	Supplier	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday															
2	Rajasthan Patrika	--	4.00	3.00	3.00	3.00	3.00	3.00	5.00															
3	Times of India	--	5.00	3.00	3.00	3.00	3.00	3.00	5.00															
4	Arun Prabha	--	4.00	2.00	3.00	3.00	4.00	4.00	5.00															

The spreadsheet also shows a taskbar at the bottom with various application icons and a system tray showing the time as 10:14 PM on 03/06/2020.

Support available to convert data in this format.





# 6f. Magazine / Journal

[www.techlib.in/Promotion/TLImportPeriodical.xls](http://www.techlib.in/Promotion/TLImportPeriodical.xls)

The screenshot shows a Microsoft Excel spreadsheet titled "TLImportPeriodical [Compatibility Mode] - Microsoft Excel". The spreadsheet contains a table with the following columns: Id, SerialType, SerialTitle, SerialSubject, Publisher, SerialPeriodicity, SerialOrigin, DateOfPublish, DateOfReceive, UnitCost, Issue, Volume, Number, Status, Remarks, and Currency. The data is as follows:

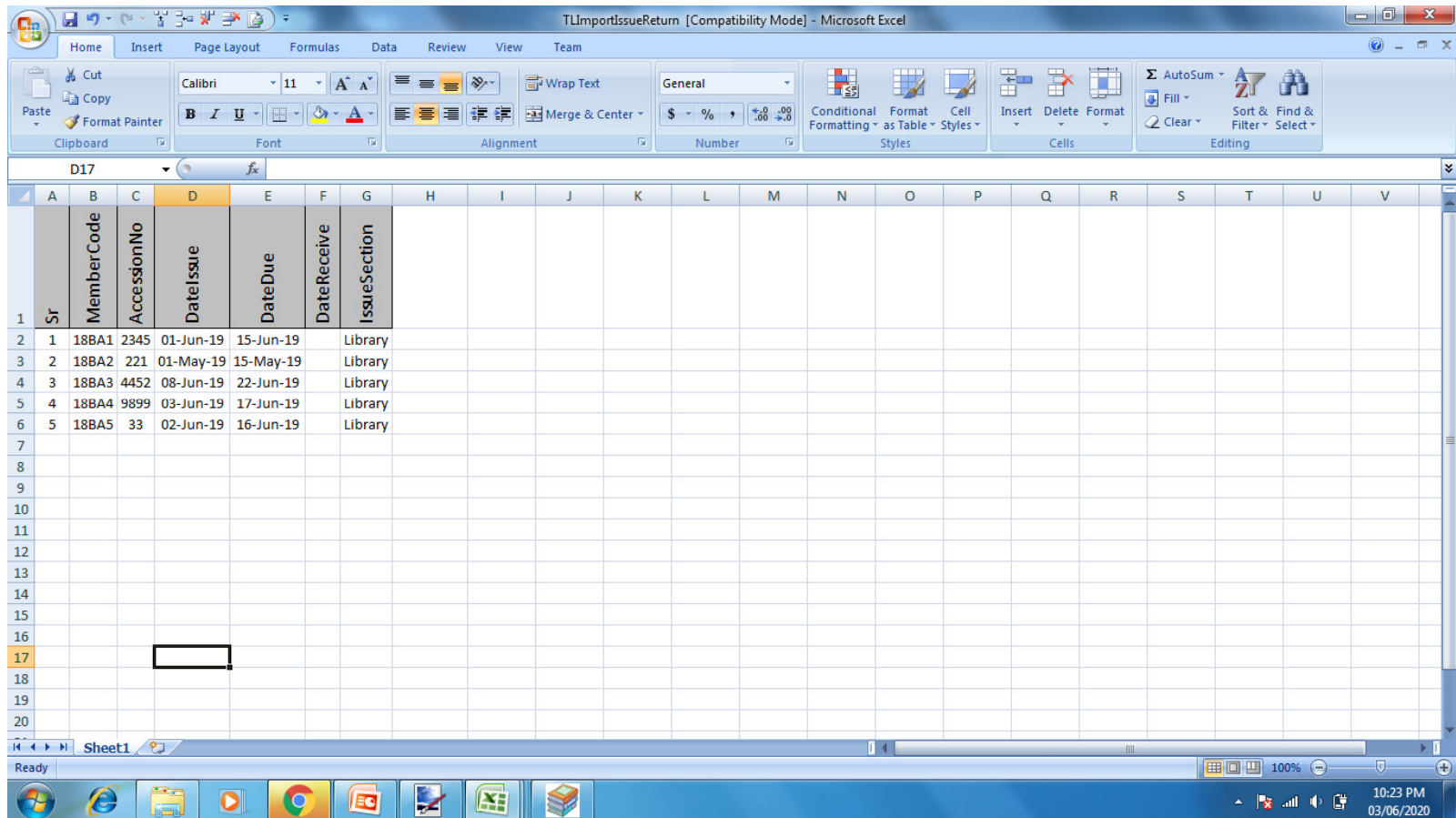
Id	SerialType	SerialTitle	SerialSubject	Publisher	SerialPeriodicity	SerialOrigin	DateOfPublish	DateOfReceive	UnitCost	Issue	Volume	Number	Status	Remarks	Currency
1	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	1	101	11	Received	--	Rs.
2	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	2	102	12	Received	--	Rs.
3	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	3	103	13	Received	--	Rs.
4	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	4	104	14	Received	--	Rs.
5	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	5	105	15	Received	--	Rs.
6	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	6	106	16	Received	--	Rs.
7	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	7	107	17	Received	--	Rs.
8	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	8	108	18	Received	--	Rs.
9	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	9	109	19	Received	--	Rs.
10	Magazine	India Today	Current Affairs	New Wales Publishers	Monthly	National	01-Jan-00	02-Jan-00	100	10	110	20	Received	--	Rs.

Support available to convert data in this format.



# 6g. Issued Items

[www.techlib.in/Promotion/TLImportPending.xls](http://www.techlib.in/Promotion/TLImportPending.xls)



The screenshot shows a Microsoft Excel spreadsheet with the following data:

Sr	MemberCode	AccessionNo	DateIssue	DateDue	DateReceive	IssueSection
1	18BA1	2345	01-Jun-19	15-Jun-19		Library
2	18BA2	221	01-May-19	15-May-19		Library
3	18BA3	4452	08-Jun-19	22-Jun-19		Library
4	18BA4	9899	03-Jun-19	17-Jun-19		Library
5	18BA5	33	02-Jun-19	16-Jun-19		Library

Support available to convert data in this format.



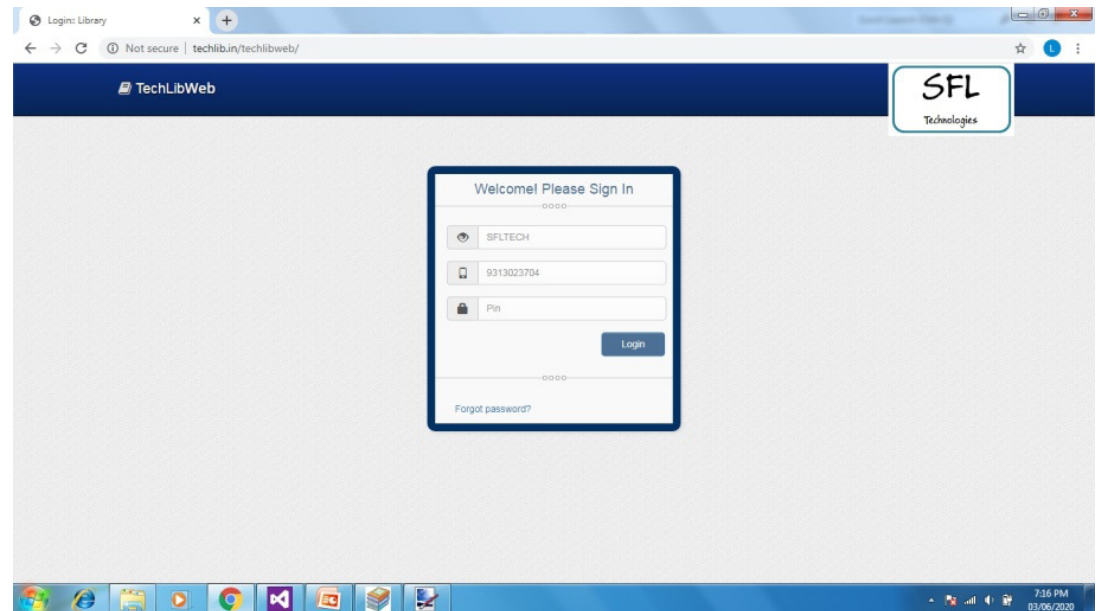
## 7. Go LIVE

Activities	Location
1. Start of Issue / Return of items	Onsite
2. Updation of data on Cloud	Onsite
3. Access of data on Web	Online
4. Access of data on Mobile	Online



# Section B





Implementation of  
TechLib Web  
(Web Application)  
On  
Cloud Storage 



# TechLib Web (Dashboard)

Library Code: SFLTECH

Dashboard OPAC New Arrival My Info Divya Madan

 Memeber Name <b>Divya Madan</b> MEMBER CODE- 1	 No. of Books in Account <b>1</b>	 Fine Due <b>Rs. 0</b>	 Last Login <b>3/6/2020 10:46:49 AM</b>
---	--	---	--

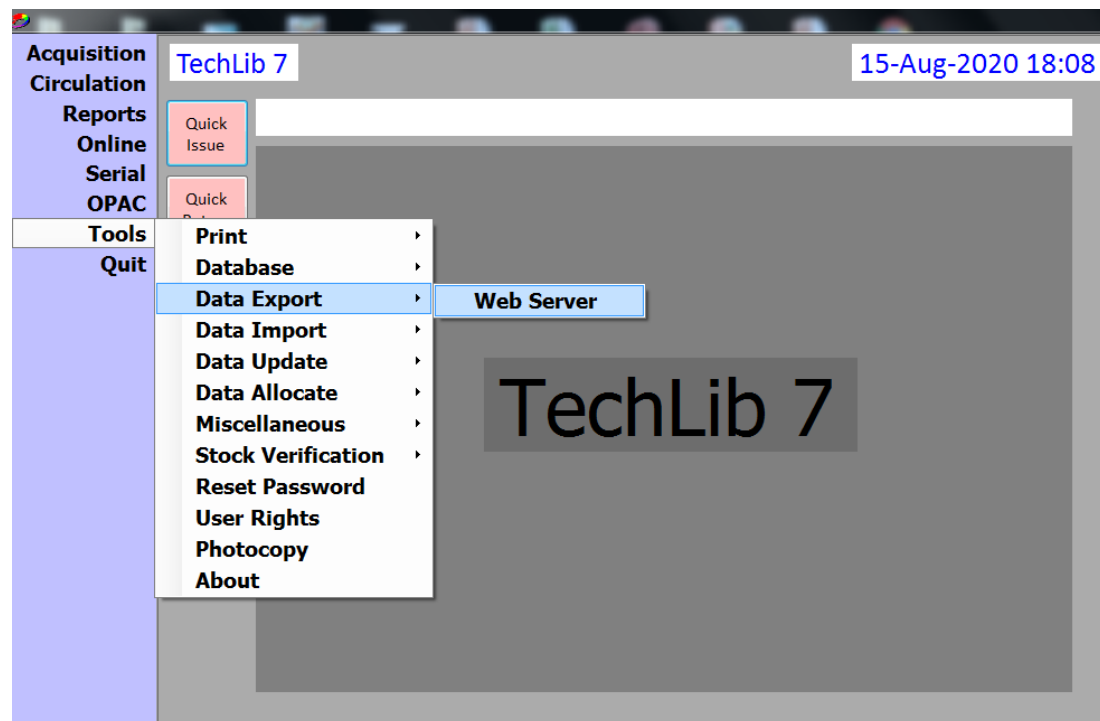


## Step 1

Creation of online database on Cloud

## Step 2

Synchronization of day to day data on Cloud

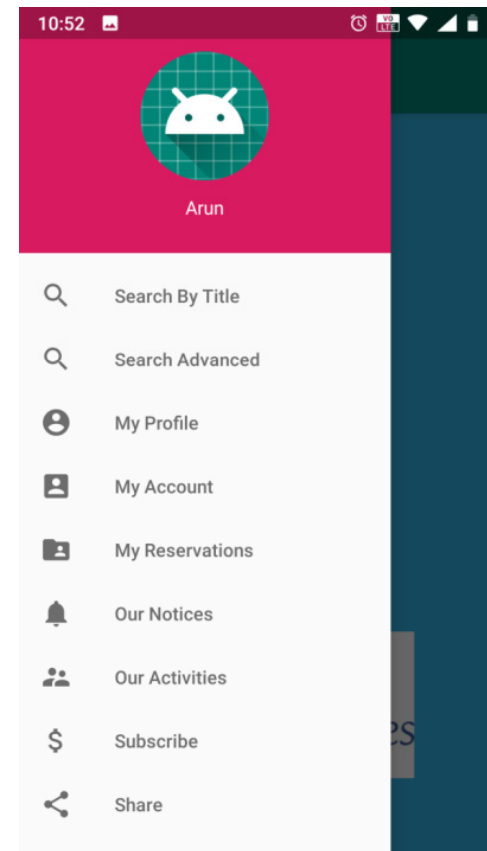


# Section C

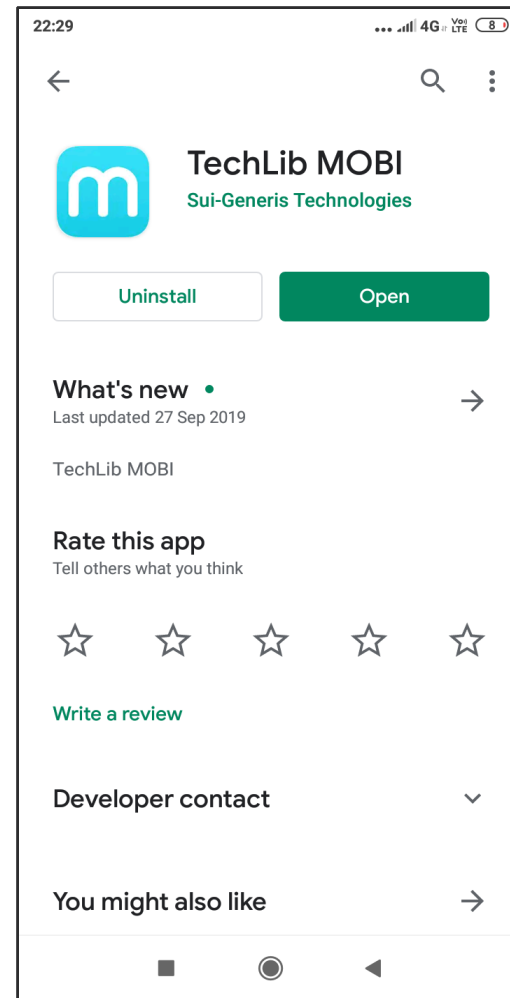
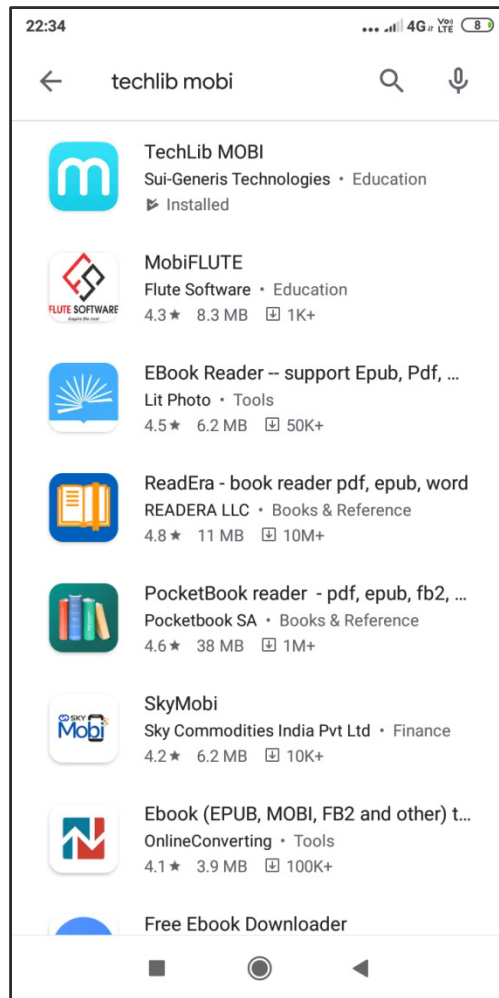
Implementation  
of TechLib MOBI  
(Mobile Application)

On

Google Play Store 



# Google Play Store





**End**

