

# A-TEAM



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# LINKS

## Live Demonstration Available At:

Seller Sign Up and Login - <https://youtu.be/dw3hLOWcJz0>

Seller adds New Buyer - <https://youtu.be/MnZTocn9Ujw>

Seller adds Udhar money - <https://youtu.be/uYRoINgP0XE>

Buyer adds New Seller - <https://youtu.be/O6b91izk70w>

Buyer Sign Up and Login - <https://youtu.be/8NNnQzCp6Uo>

Buyer pays back the Udhar Money - <https://youtu.be/JgZUdTy3ygo>

## GitHub link:

<https://github.com/suvojitkar/venturesity>

# PROBLEM STATEMENT

- As India goes digital, there is heightened need for innovative payment solutions that balance ease of use and security.
- Right payment technology has to be used for the right business use case to build successful products.
- To that end, current payment solutions just do not make the cut.

# SOLUTION

- We've all seen plenty of apps out there in the market like Paytm and FreeCharge offering wallets or PFM services.
- But, if we look at the very core of the Indian market, a system known as 'Udhaar' is often used. This is mostly used by customers to buy items on loan from sellers.
- A diary of sorts is maintained by the seller as well the buyer to keep record of their 'Udhaar' with various buyers or sellers respectively.
- So, instead of maintaining a manual record of all these transactions, we have developed an application where you can add, view, manage and pay seller/buyer in an interactive manner.

# ABOUT OUR APPLICATION

## ➤ Buyer App –

- Add sellers using a simple one step process.
- View all the sellers that have been added to the buyer app in the dashboard itself.
- An option to pay the seller the amount that you have taken in 'Udhaar' is available at the time of viewing the sellers.
- You may pay more to the seller to go into credit.
- You may even chat with the seller on Whatsapp through our application.
- An option to directly call the seller is also available in the list of sellers.
- View the transaction history for reference anytime you want.

# ABOUT OUR APPLICATION

## ➤ Seller App –

- Add buyers using a simple one step process.
- View all the buyers that have been added to the seller app in the dashboard itself.
- An option to pay the buyer any balance amount that they may have credited to you.
- You may even chat with the buyer on Whatsapp through our application to seek any clarification about the transactions.
- An option to directly call the buyer is also available in the list of buyers.
- View the transaction history for reference anytime you want.

# HOW DOES IT WORK

## Offline Mode

- i)At the time of Udhaar :* In this mode buyer selects the seller and chooses Udhar option after which a QR code will be generated on the buyer side and this code will be scanned by the seller.
  
- ii)At the time of payment :* At the end of a month or when buyer wants to clear all his debts, he reaches that Seller physically by going there. Then, the Seller selects that particular buyer, chooses add money option and enters the debt amount. A QR code will be generated on the seller side which will be scanned by that buyer for payment.

# HOW DOES IT WORK

## Online Mode

- i)At the time of Udhaar :* In this mode buyer selects the seller and chooses the items he wishes to buy.
- ii)At the time of Payment :* At the end of a month or when buyer wants to clear all his debts, he chooses the Seller and enters the required amount. In this case, the amount reaches the seller through internet in the form of a QR code, which can be easily scanned by the seller.



# UNIQUENESS

We have designed an overall smart application (currently supporting android) with the following features:

- i) Gives the ability to customers to buy items on 'Udhaar' digitally.
- ii) Gives the old concept of Udhaar a new digital, manageable outlook.
- iii) One step transaction makes it easy for both, the seller and the buyer to pay off their debts.
- iv) The method of scanning QR codes to manage transactions is unique to our application.

# AUTHENTICATION AND SECURITY

- ☐ Input validation.
- ☐ Encrypted Password.
- ☐ Handle user data.
- ☐ Smart payment security system
- ☐ Crone job.

# WHY OUR APPLICATION

- ❑ User friendly. Easy to use
- ❑ App size is less than 3mb for both the seller and the buyer.
- ❑ Visual design and user Interaction
- ❑ App requests only the absolute minimum permission that it needs to support core functionality
- ❑ App does not request permissions or services that can cost the user money.
- ❑ Optimize layout for small as well as large screen
- ❑ Works fine from and above android version 4.3(jellybean).
- ❑ Online and offline mode
- ❑ No services left when the app is in the background(correctly preserves and restore user or app state)
- ❑ Scalability

# Target Audience

**All online buyers, retailers, and distributors are the targeted audience, which includes almost every one of us.**

- Khata-buyer is a win-win situation portal for both customers and retailers.
- On one hand, customers can contact directly with their nearby stores using Khata-buyer and utilize it for udhaar and receive cash back on delivery.
- While on the other hand, retailers would never miss their nearby customers by making their local presence strong.

# HARDWARE AND SOFTWARE REQUIREMENT

Minimum requirements are :

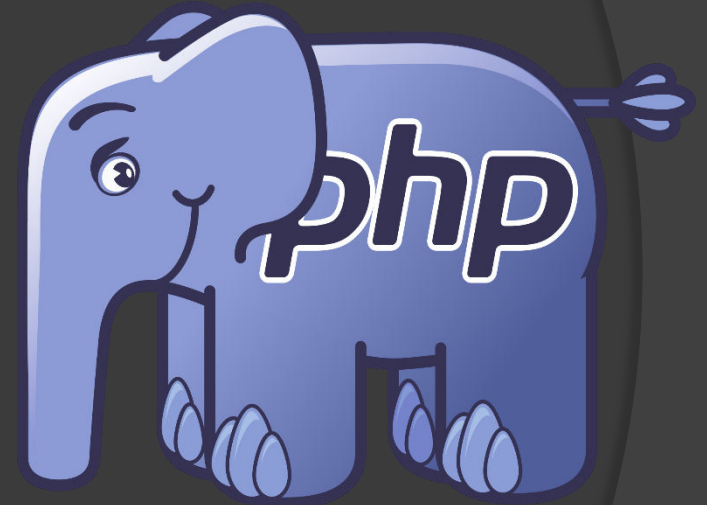
- ☐ Android devices starting from API Level:18 Android 4.3 (jelly bean).
- ☐ 512 mb ram.
- ☐ Internet connectivity (Though it can work offline, internet is required during signup and login).

# LANGUAGE AND TECHNOLOGY USED

Front end :



Backend:



# LANGUAGE AND TECHNOLOGY USED

**Database:**

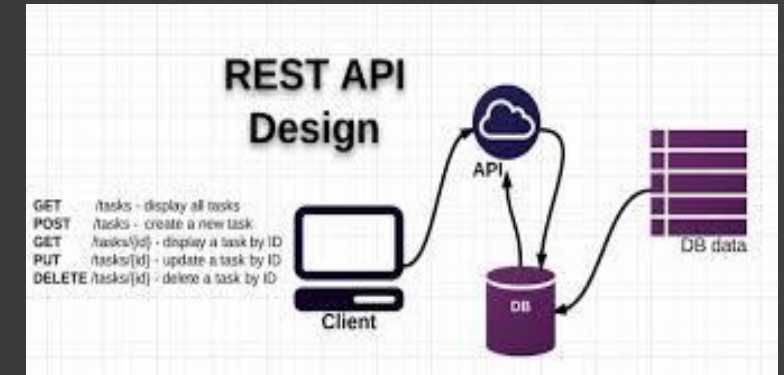


**Hosting:**



Hostinger

**Apis:**



# SCREENSHOTS



Password update request

phpMyAdmin

sql31.hostinger.in / local

Venturesity | Up for a Ch

sql31.hostinger.in/phpmyadmin/index.php?db=u686476276\_payap&token=261885348fd312a5114f011a4896259f&phpMyAdmin=c0fcf12d260402507701fd3773b7c3

phpMyAdmin

(Recent tables) ...

buyer\_table

seller\_table

transaction\_table

Create table

localhost » u686476276\_payap

Structure

SQL

Search

Query

Export

Import

Operations

Routines

Tracking

Designer

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> buyer_table	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	8	MyISAM	utf8_unicode_ci	2.2 KiB	-
<input type="checkbox"/> seller_table	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	1	MyISAM	utf8_unicode_ci	2 KiB	-
<input type="checkbox"/> transaction_table	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	3	MyISAM	utf8_unicode_ci	2.1 KiB	-
3 tables	Sum	12	MyISAM	utf8_unicode_ci	6.3 KiB	0 B

Check All / Uncheck All

With selected:

Print view

Data Dictionary

Create table

Name:

Number of columns:

Go

Windows Taskbar

10:57 25-01-2017

Password update request

phpMyAdmin

sql31.hostinger.in / local

Venturesity | Up for a Ch

sql31.hostinger.in/phpmyadmin/index.php?db=u686476276\_payap&token=261885348fd312a5114f011a4896259f&phpMyAdmin=c0fcf12d260402507701fd3773b7c3

phpMyAdmin

Home

Database

Import

Export

Tools

Help

(Recent tables) ...

buyer\_table

seller\_table

transaction\_table

Create table

localhost » u686476276\_payap » buyer\_table

Browse

Structure

SQL

Search

Insert

Export

Import

Operations

Tracking

Showing rows 0 - 1 ( 2 total, Query took 0.0001 sec)

SELECT \*

FROM `buyer\_table`

LIMIT 0, 30

Profiling

Inline

Edit

Explain SQL

Create PHP Code

Refresh

Show

Start row: 0

Number of rows: 30

Headers every 100

rows

Sort by key: None

+ Options

←T→

▼

buyer\_id

first\_name

last\_name

buyer\_number

<input type="checkbox"/>	Edit	Copy	Delete	1	Sudhanshu	Tetarbe	918289292
<input type="checkbox"/>	Edit	Copy	Delete	2	Sumit	Mehra	918289294

Check All / Uncheck All With selected:

Change

Delete

Export

Show

Start row: 0

Number of rows: 30

Headers every 100

rows

Query results operations

Print view

Print view (with full texts)

Export

Display chart

Create view

Bookmark this SQL query

Windows

Taskbar

10:59

25-01-2017

password update request

phpMyAdmin

sql31.hostinger.in / local

Venturesity | Up for a Ch

sql31.hostinger.in/phpmyadmin/index.php?db=u686476276\_payap&token=261885348fd312a5114f011a4896259f8&phpMyAdmin=c0fcf12d260402507701fd3773b7c3

phpMyAdmin

Recent tables ...

buyer\_table

seller\_table

transaction\_table

Create table

localhost » u686476276\_payap » seller\_table

Browse

Structure

SQL

Search

Insert

Export

Import

Operations

Tracking

SELECT \*  
FROM `seller\_table`  
LIMIT 0, 30

☐ Profiling [Inline] [Edit] [Explain SQL] [Create PHP Code] [Refresh]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

+ Options

← T →

seller\_id

first\_name

last\_name

seller\_number

☐ Edit ☐ Copy ☐ Delete

1 Suvojit Kar 2147483647

☐ Edit ☐ Copy ☐ Delete

2 Utkarsh 1298347655

Check All / Uncheck All With selected:

☐ Change ☐ Delete ☐ Export

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations

☐ Print view ☐ Print view (with full texts) ☐ Export ☐ Display chart ☐ Create view

Bookmark this SQL query

Label:

☐ Let every user access this bookmark

Windows Taskbar

11:03 25-01-2017

Browser tabs: Password update request, phpMyAdmin, sql31.hostinger.in / local, Venturesity | Up for a Ch...

Address bar: sql31.hostinger.in/phpmyadmin/index.php?db=u686476276\_payap&token=261885348fd312a5114f011a4896259f&phpMyAdmin=c0fcf12d260402507701fd3773b7c3

phpMyAdmin interface:

Database: localhost » u686476276\_payap » transaction\_table

Navigation: Browse, Structure, SQL, Search, Insert, Export, Import, Operations, Tracking

Status: Showing rows 0 - 1 ( 2 total, Query took 0.0001 sec)

SQL Query:

```
SELECT *
FROM 'transaction_table'
LIMIT 0 , 30
```

Buttons: Profiling [Inline] [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Display Options: Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

+ Options

	transaction_id	buyer_id	seller_id	amount	date_time
<input type="checkbox"/> Edit Copy Delete	1	1	2	2000	2017-01-25 05:34:21
<input type="checkbox"/> Edit Copy Delete	2	2	1	5000	2017-01-25 05:34:33

Check All / Uncheck All With selected: Change Delete Export

Display Options: Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Query results operations: Print view Print view (with full texts) Export Display chart Create view

Bookmark this SQL query

**THANK YOU**