QUICK PAY-Online payment system

Technology To Be Used: *Python , Django*

Submitted by;

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<u>Description of the project</u>

The Project "QUICK PAY- Online payment system" gives us the information about all the service providers and also customer can do all the payments like mobile recharge , dish by using a single website with the help of a wallet. It also contains credit card payment method. It contains 3 major modules that are Admin, User and Service providers. Admin module contains all the details of the users and service providers like when it was created and what all the transactions done by the user, detailed information of the user can be accessed or can be manipulated by the administrator. User module consists of how to create the user and how to access the service provider and any time he can have the complete information of his account, when he had updated his balance and how the balance has been utilized that can be viewed in the form of reports. Service provider is the module where he can visit the website and can have the complete information of all the transactions based on that service also he can add offers for recharges.

MODULES

1. **ADMIN: performs the following activities:** Login, view and reject registered service providers and users, view the transaction history, view and remove complaints, view commission details.

2. **USER : performs the following activities:** Registration and login, Can recharge mobile, dth by using wallet or stripe payment gateway. View wallet balance and can add money to his/her own wallet , Add complaints and view the replays, View the recharge history ,Can search recharge history by using date and amount , View offers and amounts.

3. **SERVICE PROVIDER :performs the following activities:** Registration and login, view recharge requests and search transaction history by using date and amount, View complaints and post reply, Add and remove offers, Edit profile.
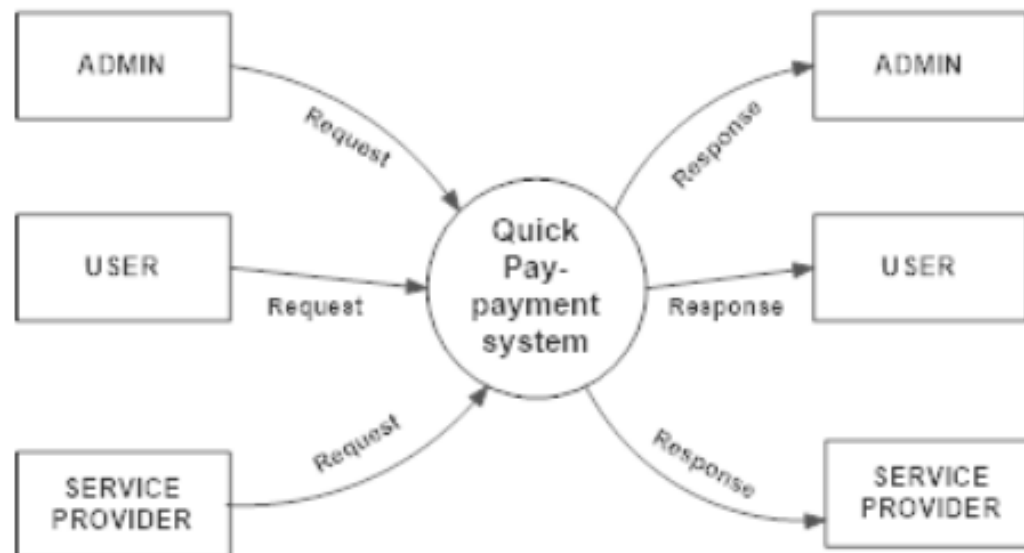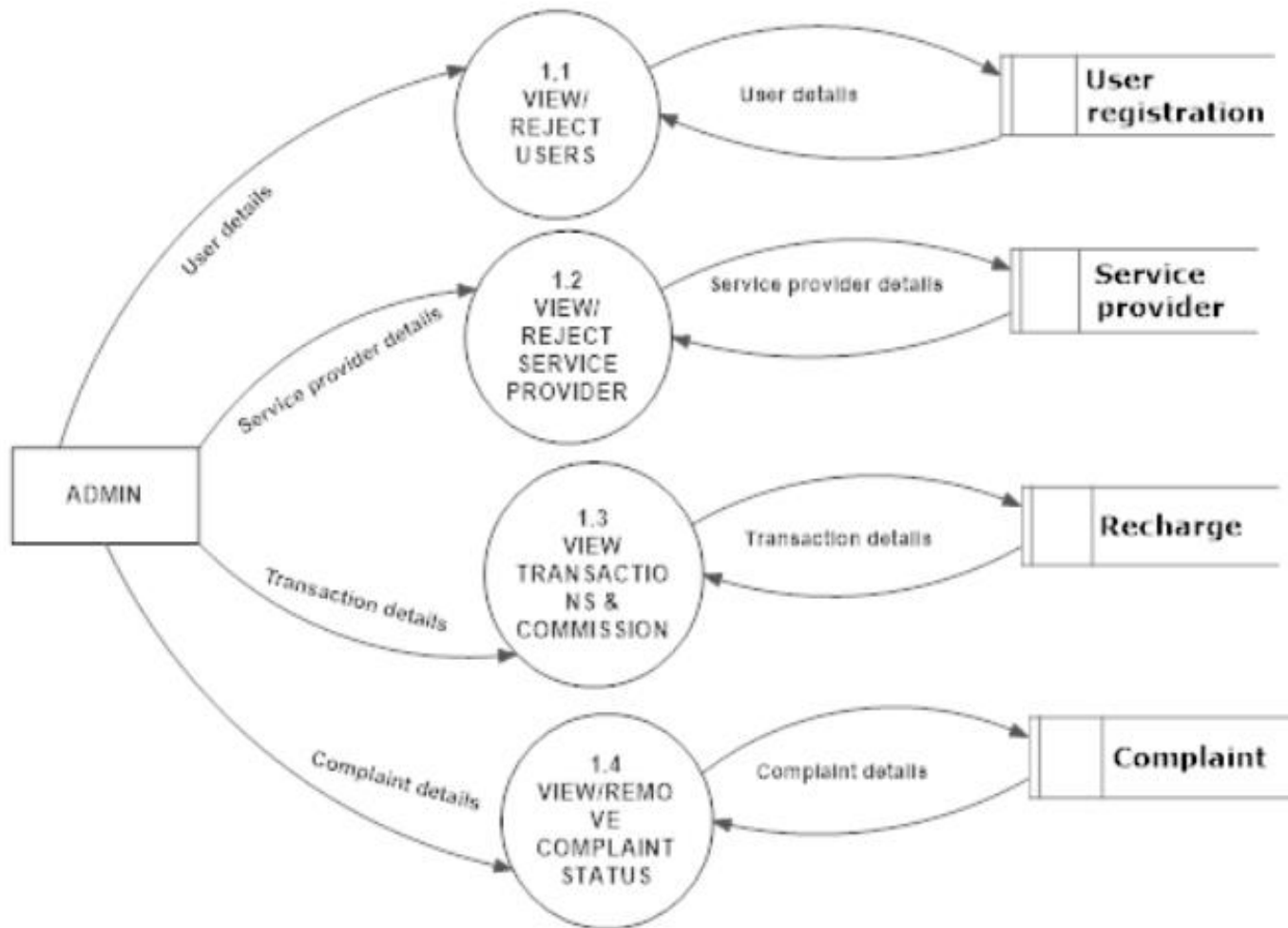
User Story

Build an online payment system

Registration	Login	Admin	User	Service Provider

| Registration for admin | Registration for user | Registration for Service Provider | Login for all users | Manage Users | Manage Service Providers | Manage payments | Manage Services |

Login
- Login for Admin
- Login for user
- Login for service provider

Admin
- View users and service providers
- View Transaction history
- Reject users and service providers
- View complaints
- Remove Complaints
- View Payment Commission

User
- Mobile recharge
- Dth recharge
- Wallet transaction
- Card Payment
- Post feedback
- View feedback Reply
- View recharge status
- Search recharge history
- Add money to wallet
- View Offers

Service Provider
- view/edit profile
- Add Offers
- Remove Offers
- View Transaction history
- View Feedback
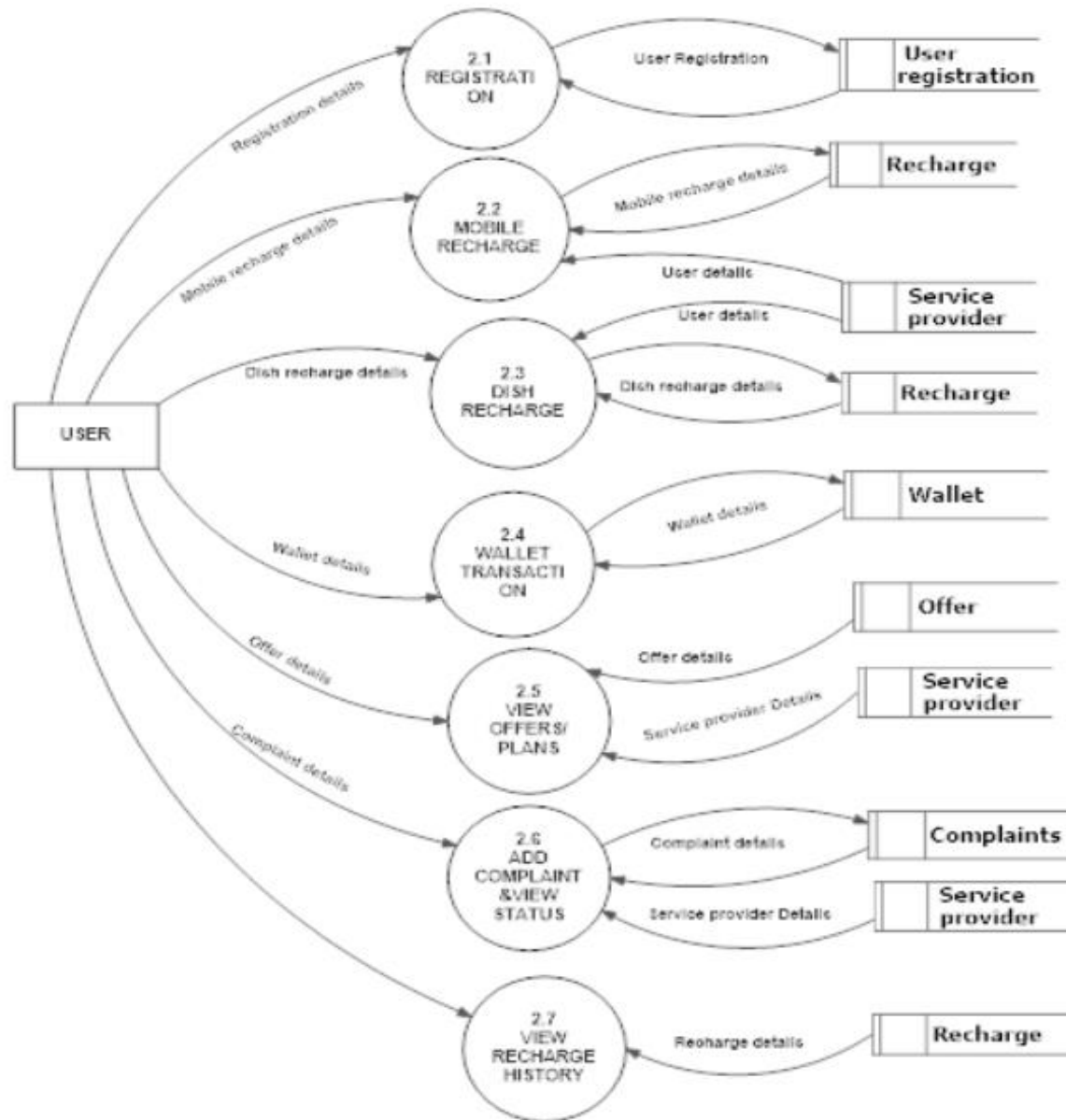- Post feedback replies
- Search history

DFD

LEVEL 0 DFD (CONTEXT LEVEL DFD)

LEVEL 1 DFD ADMIN

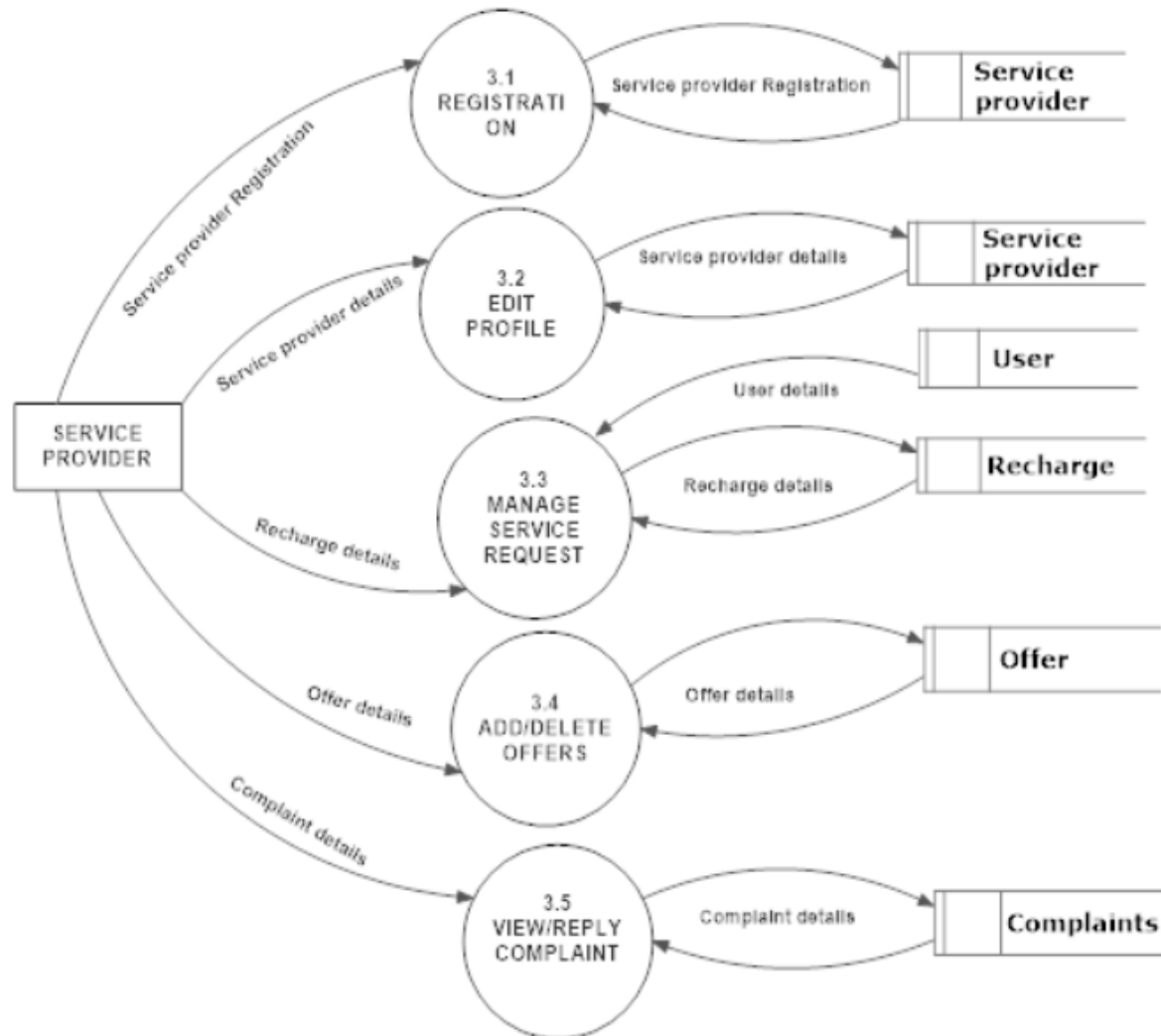# LEVEL 1 DFD FOR USER

LEVEL 1 DFD FOR SERVICE PROVIDER

Table Design

TABLE: User

Primary key: id

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of user table
First_name	String	First name of user
Last_name	String	Last name of user
email	String	Email id of user
Username	String	Username of the user
password	String	Password of the user

TABLE: serviceprovider

Primary key: id

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the table
uname	String	Username of service provider
name	String	Name of service provider
category	String	Service category
website	String	Website of service provider
mob	Integer	Mobile number of service provider
email	String	Email id of service provider
status	Integer	Status of deactivation

TABLE: userregistration

Primary key: id

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the userregistration table
fname	String	First name of user
lname	String	Last name of user
mob	Integer	Mobile number of user
email	String	Email id of user
status	Integer	Status of deactivation

TABLE: recharge

Primary key: id

Foreignkey : uname

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the table
uname	String	Username
Service_no	Integer	Service number
s_provider	String	Service provider
category	String	Service category
amount	Integer	Amount
status	String	Status
date	Integer	Date
commission	Integer	Payment commission

TABLE: wallet

Primary key: id

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the table
c_bal	Integer	Current balance
ad_money	Integer	Add money

TABLE: offer

Primary key: id

Foreignkey : spname

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the table
spname	String	Service provider's name
Ofr_dtls	String	Offer details

TABLE: complaints

Primary key: id

Foreignkey : uname, spname

FIELD	DATA TYPE	DESCRIPTION
id	Integer	Id of the table
uname	String	Username
spname	String	Service provider name
complaint	String	Complaint type
details	String	Complaint details
reply	String	Reply to the complaint
status	String	Status about the complaints
r_status	String	Status about replies

User Interface Design

HOME PAGE

QUICK PAY

Home   Services   About Us   Login/Register
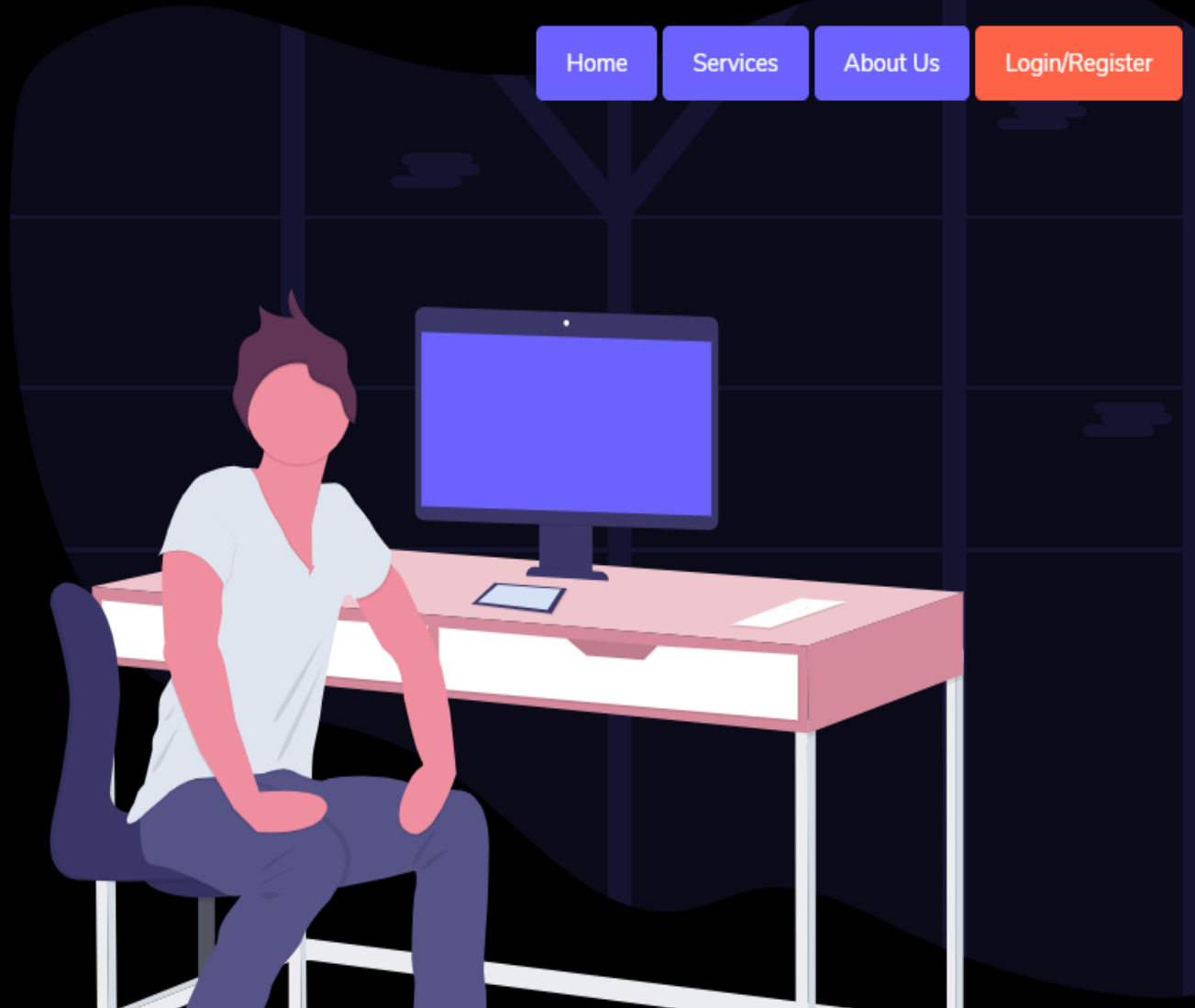
Recharge in Simple Ways

SERVICES PAGE

Wallet QuickPay

About Us

The most trusted recharge getway in India.

More than 60000 Satisfied customers.

Easy management Just recharge in minimal number of steps.

The most user friendly interface ever

Revolution

We started a revolution in the sector of online recharge .

We welcome you to be a part of this.

Most Secure

We know the value of your money.We offer 100% secure transaction and

48 Hours cash back for any case of recharge failure

USER REGISTRATION

User Registration

Jyothi

Lekshmy

8653213445

jyothi@gmail.com

••••

••••

SUBMIT

SERVICE PROVIDER REGISTRATION

LOGIN PAGE

LOGIN

jyothi@gmail.com

••••

LOGIN

User Registration

Service Provider Registration

USER HOME PAGE

Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout

Welcome Jyothi

MOBILE RECHARGE

Home   Wallet   Mobile   Dth   Complaints   Recharge Details   Logout

Mobile Recharge

Select Service Provider *   docomo ▼   continue

MOBILE OFFER SELECTION

Wallet QuickPay

Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout

Latest Offers

* Local Mobile Calls @ Rs.0.01/2 seconds. (price per day: Rs. 2.8).

* 2G-3G Data: 1 GB, extra @Rs.0.03/10KB. (price per day: Rs. 14.0).

* All Calls (excl. Roaming Calls) @ 1.0 p/sec. (price per day: Rs. 0.4).

Mobile Number *   9946483570

Amount *   50

Choose your payment option:

⦿ Wallet   ⦿ Credit/Debit card

Proceed

Activate Windows
Go to Settings to activate

PAYMENT USING WALLET

Wallet QuickPay

Your Rechage is Successfull.!!!!

Welcome Jyothi Your Wallet Balance is....

Rs.   710

Add Money   [   ]   Proceed

PAYMENT USING CREDIT/DEBIT CARD

Success! Got token: tok_1GhV28CWtBeua1ozYRVf5mMs

Home   Wallet   Mobile   Dth   Complaints   Recharge Details   Logout

PAYMENT

Service Provider :   airtel

Service Number :   9956345698

Amount :   Rs. 90

Credit or debit card

VISA 4242 4242 4242 4242   12 / 45   454   54878   **Submit Payment**

DTH RECHARGE

| Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout |

DTH Recharge

Select Service Provider * [sundirect ▾] **continue**

DTH OFFER SELECTION

Wallet QuickPay

Latest Offers

* Gold Maxi HD 221 Channels + 17 HD Channels + 53 Popular Channels Rs. 456

* Gold Kids HD 222 Channels + 16 HD Channels + 53 Popular Channels Rs. 485

* Gold Kids 206 Channels + 46 Popular Channels Rs. 360

Card Number*
12345678901

Amount *
485

Choose your payment option:

○ Wallet   ○ Credit/Debit card

Activate Windows
Go to Settings to activate

Proceed

ADDING MONEY TO WALLET

Wallet QuickPay

Home   Wallet   Mobile   Dth   Complaints   Recharge Details   Logout

Not enough balance in your wallet, please add money to proceed.!!

Welcome Jyothi Your Wallet Balance is....

Rs.   710

Add Money   100   Proceed

DTH PAYMENT USING CREDIT/DEBIT CARD

Success! Got token: tok_1GhV8VCWtBeua1ozGRGPijm2

Home   Wallet   Mobile   Dth   Complaints   Recharge Details   Logout

PAYMENT

Service Provider :   sundirect

Service Number :   12345678901

Amount :   Rs. 485

Credit or debit card

VISA 4242 4242 4242 4242   12 / 45   454   54878   **Submit Payment**

COMPLAINT REGISTRATION

Wallet QuickPay

Home   Wallet   Mobile   Dth   Complaints   Recharge Details   Logout

Register a Complaint

Your Name.   Jyothi

Receiver: docomo ▼

Complaint   Wrong Recharge ▼

Details   My recharge is not success

Post Complaint   View Replays

COMPLAINT REPLYS

Wallet QuickPay

| Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout |

VIEW COMPLAINT REPLIES

Service Provider	Complaint Type	Details	Reply	Status
docomo	Delay in Recharge	my recharge is delayed solve it as soon	solve it as soon	Replied
sundirect	Recharge Failed/ Amount Debited	my recharge is not success	ok solve it as soon	Replied

RECHARGE HISTORY

QuickPay

Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout

RECHARGE HISTORY

Amount: [   ] Date is greater than or equal to: [   ] Date is less than or equal to: [   ] Search

Service Provider	Category	Service Number	Amount	Date
docomo	mobile	8654326748	30	May 8, 2020, 2:40 a.m.
docomo	mobile	9865347613	50	May 8, 2020, 3 a.m.
docomo	mobile	9865347613	60	May 8, 2020, 3:01 a.m.
docomo	mobile	9823457623	50	May 9, 2020, 2:34 a.m.
sundirect	dth	99999999998	401	May 9, 2020, 2:36 a.m.
bsnl	mobile	1234567890	30	May 9, 2020, 4:31 p.m.
Videocon	dth	89674523411	100	May 9, 2020, 10:17 p.m.
sundirect	dth	99999999998	100	May 10, 2020, 1:47 a.m.
docomo	mobile	9946483570	50	May 10, 2020, 4:20 p.m.
airtel	mobile	9956345698	90	May 10, 2020, 4:23 p.m.
Videocon	dth	12345678901	485	May 10, 2020, 4:29 p.m.

SEARCH RECHAGE HISTORY (USING AMOUNT)

Wallet QuickPay

Home Wallet Mobile Dth Complaints Recharge Details Logout

RECHARGE HISTORY

Amount: 50   Date is greater than or equal to: [   ]   Date is less than or equal to: [   ]   Search

Service Provider	Category	Service Number	Amount	Date
docomo	mobile	9865347613	50	May 8, 2020, 3 a.m.
docomo	mobile	9823457623	50	May 9, 2020, 2:34 a.m.
docomo	mobile	9946483570	50	May 10, 2020, 4:20 p.m.

SEARCH RECHAGE HISTORY (USING DATE)

Wallet QuickPay

| Home | Wallet | Mobile | Dth | Complaints | Recharge Details | Logout |

RECHARGE HISTORY

Amount: [ ] Date is greater than or equal to: 5/9/2020 Date is less than or equal to: [ ] [Search]

Service Provider	Category	Service Number	Amount	Date
docomo	mobile	9823457623	50	May 9, 2020, 2:34 a.m.
sundirect	dth	99999999998	401	May 9, 2020, 2:36 a.m.
bsnl	mobile	1234567890	30	May 9, 2020, 4:31 p.m.
Videocon	dth	89674523411	100	May 9, 2020, 10:17 p.m.
sundirect	dth	99999999998	100	May 10, 2020, 1:47 a.m.
docomo	mobile	9946483570	50	May 10, 2020, 4:20 p.m.
airtel	mobile	9956345698	90	May 10, 2020, 4:23 p.m.
Videocon	dth	12345678901	485	May 10, 2020, 4:29 p.m.
sundirect	dth	12345678901	485	May 10, 2020, 4:30 p.m.

SERVICE PROVIDER HOME PAGE

SERVICE PROVIDER'S PROFILE EDITING

QuickPay

| Home | profile | Add offers | Complaints | Recharge Requests | Logout |

Username :sun@gmail.com

EDIT PROFILE

Service provider Name: sundirect

Website: http://www.sundirect.com

Contact: 9786745345

Category: dth

UPDATE

Your profile is updated

OFFER UPLOADING PAGE

QuickPay

Home | profile | Add offers | Complaints | Recharge Requests | Logout

View Offer Details

Add Your Offers And Plans Here......

Platinum 241 Channels +

64 Popular Channels

Rs. 550

SUBMIT

OFFER DELETING PAGE

Wallet QuickPay

| Home | profile | Add offers | Complaints | Recharge Requests | Logout |

Added Offers	Action
Super Gold-202 Channels + 43 malayalam Channels Rs. 300	Remove
Gold Max-204 Channels + 45 Popular Channels Rs. 331	Remove
Gold Maxi -221 Channels + 17 HD Channels + 53 Popular Channels Rs. 456	Remove
New Gold Sports 210 Channels + 47 Popular Channels Rs. 401	Remove
Platinum 241 Channels + 64 Popular Channels Rs. 550	Remove

COMPLAINT VIEWING PAGE

QuickPay

| Home | profile | Add offers | Complaints | Recharge Requests | Logout |

Name	Complaint type	Details	Status	Action
Anjana	Wrong Recharge	my recharge is not completed	Replied	View
Ruby	Delay in Recharge	my recharge is delayed solve it as soon	Replied	View
Jyothi	Incomplete Recharge	my recharge is not success	Pending	View
Sherin	Incomplete Recharge	not success my recharge	Pending	View

COMPLAINT REPLYS PAGE

Wallet QuickPay

Home | profile | Add offers | Complaints | Recharge Requests | Logout

Complaint Reply

Username: jyothi@gmail.com

Name: Jyothi

Complaint Type: Incomplete Recharge

Details: my recharge is not success

Reply:

ok solve it as soon

POST REPLY

RECHARGE REQUESTS & SEARCHING

Wallet QuickPay

| Home | profile | Add offers | Complaints | Recharge Requests | Logout |

RECHARGE HISTORY

Amount: [ ] Date is greater than or equal to: [ ] Date is less than or equal to: [ ] Search

Customer Name	Service Number	Amount	Date
Ruby	12345678901	456	May 2, 2020, 2:40 a.m.
Jyothi	99999999998	401	May 9, 2020, 2:36 a.m.
Ruby	87652345678	550	May 9, 2020, 2:38 a.m.
Jyothi	99999999998	100	May 10, 2020, 1:47 a.m.
Ruby	89674523411	300	May 10, 2020, 2:48 p.m.
Ruby	12345678901	120	May 10, 2020, 2:55 p.m.
Ruby	99999999998	100	May 10, 2020, 3:05 p.m.
Jyothi	12345678901	485	May 10, 2020, 4:30 p.m.

ADMIN HOME PAGE

Wallet QuickPay
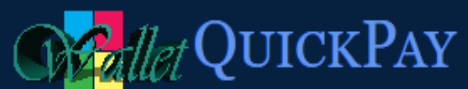
Admin Pannel

ADMIN PANNEL

VIEW /DEACTIVATE REGISTERD USERS

Wallet QuickPay

Admin Pannel

HOME   □ VIEWS   □ TRANSACTIONS   COMPLAINTS   LOGOUT

REGISTERED USERS

ID	Name	Username	Contact	Operation
5	Ruby	ruby@gmail.com	9876542399	Deactivate User
6	Anjana	anjana@gmail.com	8765432187	Deactivate User
9	Jyothi	jyo@gmail.com	9946483570	Deactivate User
10	priya	priya@gmail.com	7654321890	Deactivate User
11	Sherin	sherin@gmail.com	6754321789	Deactivate User

VIEW /DEACTIVATE REGISTERD SERVICE PROVIDERS

Wallet QuickPay
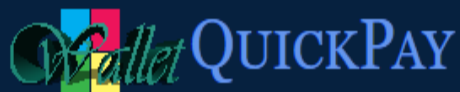
Admin Pannel

HOME   □ VIEWS   □ TRANSACTIONS   COMPLAINTS   LOGOUT

REGISTERED SERVICE PROVIDERS

ID	Username	Provider Name	Category	Website	Contact	Operation
1	doc@gmail.com	docomo	mobile	http://www.docomo.com	1234567890	Deactivate
4	airtel@gmail.com	airtel	mobile	http://www.airtel.com	6543278959	Deactivate
5	sun@gmail.com	sundirect	dth	http://www.sundirect.com	9786745345	Deactivate
7	vdo@gmail.com	Videocon	dth	http://www.videocon.com	8765431256	Deactivate

VIEW DTH TRANSACTIONS AND COMMISSION DETAILS
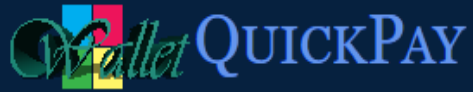
Wallet QuickPay

Admin Pannel

HOME   □ VIEWS   □ TRANSACTIONS   COMPLAINTS   LOGOUT

TRANSACTION HISTORY

Date	Username	Service Provider	Service No.	Amount	Commision
May 9, 2020, 10:17 p.m.	jyo@gmail.com	Videocon	89674523411	Rs. 100	Rs. 30
May 10, 2020, 2:48 p.m.	ruby@gmail.com	sundirect	89674523411	Rs. 300	Rs. 90
May 10, 2020, 2:55 p.m.	ruby@gmail.com	sundirect	12345678901	Rs. 120	Rs. 36
May 10, 2020, 3:05 p.m.	ruby@gmail.com	sundirect	99999999998	Rs. 100	Rs. 30
May 10, 2020, 4:29 p.m.	jyo@gmail.com	Videocon	12345678901	Rs. 485	Rs. 145
May 10, 2020, 4:30 p.m.	jyo@gmail.com	sundirect	12345678901	Rs. 485	Rs. 145

VIEW DTH TRANSACTIONS AND COMMISSION DETAILS
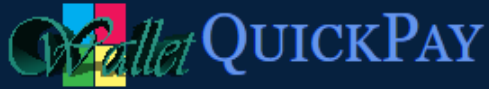
QuickPay

Admin Pannel

HOME   □ VIEWS   □ TRANSACTIONS   COMPLAINTS   LOGOUT

TRANSACTION HISTORY

Date	Username	Service Provider	Service No.	Amount	Commision
May 8, 2020, 3:01 a.m.	jyo@gmail.com	docomo	9865347613	Rs. 60	Rs. 18
May 9, 2020, 2:34 a.m.	jyo@gmail.com	docomo	9823457623	Rs. 50	Rs. 15
May 9, 2020, 2:37 a.m.	ruby@gmail.com	docomo	1234567876	Rs. 30	Rs. 9
May 9, 2020, 6:11 p.m.	ruby@gmail.com	bsnl	9946483579	Rs. 50	Rs. 15
May 10, 2020, 3:34 p.m.	ruby@gmail.com	docomo	9946483570	Rs. 40	Rs. 12
May 10, 2020, 4:20 p.m.	jyo@gmail.com	docomo	9946483570	Rs. 50	Rs. 15
May 10, 2020, 4:23 p.m.	jyo@gmail.com	airtel	9956345698	Rs. 90	Rs. 27

VIEW/REMOVE COMPLAINTS

Wallet QuickPay
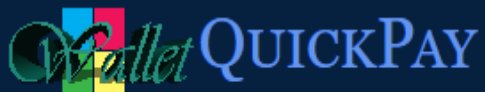
Admin Pannel

HOME   ▫ VIEWS   ▫ TRANSACTIONS   COMPLAINTS   LOGOUT

COMPLAINT HISTORY

User	Service Provider	Complaint type	Details	Status	Action
Anjana	docomo	Wrong Recharge	my recharge is not completed	Replied	Remove
Ruby	docomo	Delay in Recharge	my recharge is delayed solve it as soon	Replied	Remove
Jyothi	docomo	Incomplete Recharge	my recharge is not success	Pending	Remove
Sherin	docomo	Incomplete Recharge	not success my recharge	Pending	Remove
Jyothi	sundirect	Incomplete Recharge	my recharge is not completed	Pending	Remove

Screenshots of Git history of project details

Gantt Chart

Task	Feb 1–10	Feb 7–12	Feb 13–18	Feb 19–24	Feb 25–29	Mar 1–5	Mar 6–12	Mar 13–19	Mar 20–31	Apr 1–10	Apr 11–20	Apr 21–30	May 1–5	May 6–11
Post Complaints -user	██	█												
View/Edit Profile —service provider		█	█											
View And Replay To The Complaints — service provider			█	█										
Add/View/Delete Offers - service provider				█	█	█	█							
View Offers &Mobile Recharge - user					█	█	█	█						
View Offers & Dth Recharge -user								█						
View Recharge Requests —service provider									█					
View Recharge history -user									█					
View Complaint Status -user									█					
Wallet and stripe payment- user										█	█			
View/deactivate user &service provider -admin											█	█		
View transactions and commission -admin												█	█	
View &delete complaints -admin														█