

# **UTANA PROJECT**

## LOGIN Functionality

Stpes-

1)user enters username and password

2)if correct allow login

Else show error “Invalid username/password”

3)If login successfully, show user appropriate landing page based on user group.

In this document, I have covered only “ADMIN” group related functionality means

Functionality that can be done by admin group user only.


(need to discuss other group and their access level)

Header

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HOME	ABOUT	Online Booking
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	<p>Username <input type="text" value="Enter Username"/></p> <p>Password <input type="password" value="*****"/></p> <p><input type="button" value="Login"/></p> <p><a href="#">Forgot Password</a></p>
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Footer

*Login Page*

Header

Home

User Management

Raw Material Management

Batch Management

Placed Orders

Expenses

Notification Area

May be we can add new features of this app later then using this area we can notify application users. even we can present scenario to help admin. We can use this area as a sort of help functionality.

Footer

### *Admin Landing Page*

## **User Management**

Admin can do user management

- 1) admin can create new user and decide group for that user
- 2) admin can edit current user
- 3) admin can delete existing user

Create User

Steps –

- 1) Admin first search user using below mentioned screen.

For that admin can search user using selecting proper radio group

- a) admin can search user using mobile no
- b) admin can search user using name of user

2)after searching,admin gets list of user.

3)If user doesn't exist then admin can proceed with creating new user by clicking "Create New User"

4) after clicking "create new user", admin gets create user screen as follows.

Header

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User Management

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### Search User

Search criteria

☐ namewise ☐ phonewise

Enter userid(Mobile phone no)

Mobile phone no as id/userfirst name

Search

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Footer

*Search user using namewise or mobile phone no wise*

Header

User Management

Create New User

No	Firstname	Surname	MobileNo	Address	Library Id	Group
1	swapnil	joshi	123456789	xyz		Admin
2	swapn	kulkarni	098765432	pqr		User

Footer

List of existing users (if using mobile no then admin either get user details or not get user details)

### Create User

Firstname	<input type="text"/>
Surname	<input type="text"/>
Mobileno	<input type="text"/>
Address	<input type="text"/>
LibraryId	<input type="text"/>
Group	<input type="text" value="Admin"/> ▼

Create

*Create User*

Edit User

Steps-

1)admin search for users

2)admin gets list of users

- 3)admin selects proper user then clicks on link which appears in “No” column
- 4)by clicking on that link, admin gets landing page for that particular user
- 5)admin clicks on “Edit user” button.

Header

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User Management

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Edit user
Delete User

**Account Summary**

Create New Distribution batch for user

No	Packet Type	Packets Taken To distribute	Amount of Each Packet	Total Amount to be paid	Action
1	Large	100	10	1000	<a href="#">return packets</a> <a href="#">add packets</a>
2	Medium	500	8	4000	<a href="#">return packets</a> <a href="#">add packets</a>

Account Management

Account Amount	Packets Total Amount	Remaining Amount	Account Balance
8000	5000	0	3000

Footer

*User Management Landing Page screen*

### Edit User

Firstname	<input type="text" value="text"/>
Surname	<input type="text" value="text"/>
Mobileno	<input type="text" value="text"/>
Address	<input type="text" value="text"/>
LibraryId	<input type="text" value="text"/>
Group	<input type="text" value="Admin"/> ▼
<input type="button" value="Submit"/>	

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*Edit user*

### Delete User

Steps –

- 1)admin search for users
- 2)admin gets list of users
- 3)admin selects proper user then click on link which appears in “No” column
- 4)by clicking on that link, admin gets landing page for that particular user



5)admin clicks on “Delete user” button.

6) admin needs to enter username and password once again

Header

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User Management

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Delete User

Firstname	Noneditable Texts
Surname	Noneditable Texts
Mobileno	Noneditable Texts
Address	Noneditable Texts
LibraryId	Noneditable Texts
Group	Noneditable Texts
Username	<input type="text" value="Enter Username once again"/>
Password	<input type="password" value="Enter Password once again"/>

Delete

---

Footer

*Delete user*

## Raw Material Management

We are creating this application by considering that in future one can add raw material.

So when admin create raw material batch ,admin can get newly added raw material in dropdown list. This helps to minimize typing error for raw material as well as while generating report we need exact name of material.

- 1)admin can add new raw material in raw material list
- 2)admin can change raw material name
- 3)admin can delete raw material

#### Add raw material

- 1)admin selects “raw material management” tab
- 2)admin gets existing raw materials in table format.
- 3)admin checks if raw material is already present in table if no then admin clicks “Add raw material” Button to open add raw material screen.

Header

Raw Material Management

Add Raw Material

No	Material	Unit	Reference	Action
1	Powder	kg	basic raw material for Utana	<a href="#">Edit</a> <a href="#">Delete</a>
2	Large Packet	no	Packets for utana	<a href="#">Edit</a> <a href="#">Delete</a>

Footer

*Existing raw material lists*

Header

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Raw Material Management

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### Add raw material

Material	<input type="text" value="text"/>
Unit	<input type="text" value="text"/>
Reference	<input type="text" value="text"/>

Add

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Footer

*Add raw material screen*

Edit raw material screen

Steps-

- 1)admin selects “raw material management” tab
- 2)admin gets existing raw materials in table format.
- 3)admin clicks “edit” button for particular raw material.
- 4)admin gets edit raw material screen

Header

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Raw Material Management

---

### Edit raw material

Material

text

Unit

Noneditable Text

Reference

text

Change

---

Footer

*Edit Raw Material*

Delete raw material

Steps-

- 1)admin selects “raw material management” tab
- 2)admin gets existing raw materials in table format.
- 3)admin clicks “delete” button for particular raw material.
- 4)admin gets delete raw material screen

5) admin needs to enter username and password once again

Header

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Raw Material Management

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**Delete raw material**

Material	Sample text
Unit	Sample text
Reference	Sample text
Username	<input type="text" value="Enter username once again"/>
Password	<input type="password" value="Enter password once again"/>
<input type="button" value="Delete"/>	

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Footer

*Delete row material screen*

## Batch Management

Every time we send material to particular group as raw material , we are going to create separate batch for each group for tracking total raw material sent to them and total no of packets received from them. When raw material with particular group is finished then particular group will tell about same to admin, then admin will update particular batch status as “completed”. In case if current batch is still “in progress ” status and particular group ask for raw material then in that case that group will not get raw material until first batch’s end product(utana packets) received.

In batch management,admin can do following steps-

- 1)if library gets raw material then first admin need to add raw material using “Input raw material” button
- 2)then if library wants to send some raw material to particular group then admin needs to create new batch by clicking “Create new batch” button.
- 3)in case, admin wants to edit exiting batch information or admin wants to change batch status then admin can do that by clicking “edit”

4)admin can delete batch,by clicking “delete”

### Input raw material

Adding raw material in existing available raw material which is right now in stock at library and which can be available for creating new batch.

Steps-

- 1)Admin open “Batch management” tab
- 2)admin gets list of existing batch
- 3)admin clicks on “Input raw materials” button
- 4)admin gets screen to add raw material in existing available raw material

Header

Home

User Management

Raw Material Management

Batch Management

Expenses

Input Raw Material

Create New Batch

Batch ID	Name	Creation Date	Last Update date	Raw Material Sent	Status	Packets received	Action
BATCH1	Group 1	15 Jan, 2014	6 Feb, 2014	<a href="#">open</a>	Created	None	<a href="#">edit</a> <a href="#">delete</a>
BATCH2	Group 2	30 Jan, 2014	30 Jan, 2014	<a href="#">open</a>	In Progress	100	<a href="#">edit</a> <a href="#">delete</a>
BATCH3	Group 5	1 Jan, 2014	31 Jan, 2014	<a href="#">open</a>	Received	500	<a href="#">edit</a> <a href="#">delete</a>

Footer

*Batch landing page*

Header

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Batch Management

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### Input raw material

Material	Quantity	Unit	Total Availability
Powder	<input type="text" value="10"/>	kg	100
Packets	<input type="text"/>	no	300
Plastic Bags	<input type="text" value="20"/>	no	200

Add

---

Footer

*Input raw material screen*

View existing batch

Steps-

- 1)Admin open "Batch management" tab
- 2)Admin gets list of exiting batches.
- 3)Admin can get raw material for particular batch by clicking on hyperlink "open"

4)Rest batch details are in table format.

Header

Batch Management

### Open Raw Material

Batch Id

BATCH 1

#### Raw Material

Material	Quantity	Unit	Available Quantity
Powder	50	kg	10
Packets	1000	unit	900
Plastic bags	1000	unit	500

Close

Footer

*Open raw material screen*

Create new batch

Steps-

- 1)Admin open “Batch Management” tab.
- 2)Admin checks whether same batch already exists or not
- 3)If yes then admin can edit same batch
- 4)if admin doesn’t get any such batch then admin clicks “Create new batch” button.
- 5)Admin gets screen to create new batch with auto generated unique batch id which is obviously non editable.



**New Batch**

Batch Id

BATCH 1

**Raw Material**

Material	Quantity	Unit	Available Quantity
Powder	5	kg	10
Packets	500	unit	900
Plastic bags	400	unit	500

**Group Information**

Group Name

Group1 ▼

Create

*Create new batch***Edit existing batch**

By above steps admin created new batch, but that batch status is "Created" and now admin already sent raw material so now admin wants to change status of batch job to "In progress". For that admin needs to edit existing batch by clicking "edit" hyperlink.

**Steps-**

- 1) Admin opens "Batch Management" tab.
- 2) Admin gets existing batch list
- 3) Admin edits existing batch by clicking "edit" hyperlink.
- 4) Admin gets edit screen for batch.

**Edit Batch**

Batch Id

BATCH 1

**Raw Material**

Material	Quantity	Unit	Available Quantity
Powder	5	kg	10
Packets	500	unit	900
Plastic bags	400	unit	500

**Group Information**Group Name **Packets Information**Packets Received **Status**Status *Edit existing batch***Delete existing batch**

In case admin wants to delete created batch then admin can use this option.

**Steps-**

- 1)Admin opens "Batch Management" tab.
- 2)admin gets exiting batch list
- 3)admin delete existing batch by clicking "delete" hyperlink.
- 4)admin gets delete screen for batch.For delete operation,admin needs to enter username and password again.

**Delete Batch**

Batch Id

BATCH 1

**Raw Material**

Material	Quantity	Unit	Available Quantity
Powder	5	kg	10
Packets	700	unit	900
Plastic bags	450	unit	500

**Group Information**

Group Name

Group1

**Packets Information**

Packets Received

0

**Status**

Status

Created

Username

Password

*Delete existing batch*

## Packets Distribution

Now packets are ready and ready to distribute among members. From now onwards I will call “**packet distributor**” as “**member**”.

So before giving packets for distribution to packet distributor, admin first check whether that particular person is member (member means our application user database having his name entry or not). If admin don't found any entry for that user then admin first has to create user with “packet distributor” group.

Then only admin can create batches for particular member. Batches here means let say if today I have given user 100 small packets then we are going to create batch for same. If tomorrow member asks more small packets then in that case instead of creating new batch, we are going to update existing batch of small packets using "add packets" link. If member wants 200 large packets then now that particular member don't having any 200 packets batch so admin will create that batch first using "Create new distribution for user". If now member wants to return 50 small packets which are unsold then admin can take it back and once again need to update corresponding batch entry (means batch entry of 100 packets) by clicking on "return packets" link.

Now we have given packets to member for distribution lets assume that member don't give any money right now for same. Member can give money (extra money or less money, extra money we may need to return back, or pending money we need to take from user after selling of packets) that is the reason we are keeping accounting model separate. Admin can easily add/subtract money for user by using "Account management" button.

Steps-

- 1) Admin search for users by using mobile wise search or name wise search
- 2) After search, admin can open particular user details by clicking on hyperlink which present in userno
- 3) if user doesn't exist then admin has to create new user account first having group "packet distributor"

Then only admin can allocate packets to that user

- 4) Admin has to check whether existing types of packets batch exist in first table or not

If it is not exists----

1> then admin clicks "create new distribution batch for user"

2> then admin gets "new packet batch" screen where admin can create batch for particular packet type.

If it is already exists-----

1> then admin can add more packets to present batch using "add packets" link.

If user return packets-----

1> then admin can subtract that packets from member account using "return packets" link



Header

User Management

### Search User

Search criteria

☐ namewise

☐ phonenowise

Enter userid(Mobile phone no)

Mobile phone no as id/userfirst name

Search

Footer

Header

User Management

Create New User

No	Firstname	Surname	MobileNo	Address	Library Id	Group
1	swapnil	joshi	123456789	xyz		Admin
2	swapn	kulkarni	098765432	pqr		User

Footer

User Management

Edit user

Delete User

Account Summary

Create New Distribution batch for user

No	Packet Type	Packets Taken To distribute	Amount of Each Packet	Total Amount to be paid	Action
1	Large	100	10	1000	<a href="#">return packets</a> <a href="#">add packets</a>
2	Medium	500	8	4000	<a href="#">return packets</a> <a href="#">add packets</a>

Account Management

Account Amount	Packets Total Amount	Remaining Amount	Account Balance
8000	5000	0	3000

New Packet Batch

Packet type

Large

▼

No of packets taken to distribute

400

Amount of each packet

10

Add



Add Packets

Packet type	Large
No of packets taken to distribute	100
Amount of each packet	10
Total amount needs to be paid for above packets	1000
No of new given packets	<input type="text" value="100"/>

Edit

Header

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User Management

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### Return Packets

Packet type	Large
No of packets taken to distribute	100
Amount of each packet	10
Total amount needs to be paid for above packets	1000
No of return packets	<input type="text" value="30"/>

Edit

---

Footer

We intentionally keeping account model separate to easily add and subtract money from existing member account.

Second table shows account information for member.

Account Amount-Total amount member deposited in his account

Packets total amount – Total amount that member needs to be paid(can get from above table if want bifurcation of amount)

Remaining Amount- if remaining amount is present that means that much amount library will get from member

Account Balance – means member account having balance amount , this amount is balance amount after subtracting total packets amount

For example,if member has taken 100 packets of 10rs each then total packets amount is  $100 \times 10 = 1000$ .

But member pays 5000rs then  $5000 - 1000 = 4000$  will be account balance and in this case remaining amount is 0 rs.

Account related task can be done by clicking “Account management” button.

After that admin gets account management screen.

From that screen admin can do receive amount and payback amount tasks.

## Receive Amount

Admin can update received amount for member using this functionality

Payback Amount-If member has account balance then user can ask to get back this amount.To return this amount back to member, admin can use Payback amount functionality

Header

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User Management

Edit user

Delete User

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Account Summary

Create New Distribution batch for user

No	Packet Type	Packets Taken To distribute	Amount of Each Packet	Total Amount to be paid	Action
1	Large	100	10	1000	<a href="#">return packets</a> <a href="#">add packets</a>
2	Medium	500	8	4000	<a href="#">return packets</a> <a href="#">add packets</a>

Account Management

Account Amount	Packets Total Amount	Remaining Amount	Account Balance
8000	5000	0	3000

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Footer

## User Management landing screen

Header

User Management

### Account Management

Recieve Amount

Pay Back Amount

Footer

*Account management landing screen*

Header

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User Management

---

### Received Amount

User Mobile No 1223324561

Firstname Sachin

Lastname Tendulkar

Amount

Reenter Amount

Username

Password

Received

---

Footer

*Received amount screen*

Header

User Management

### Payback Amount

User Mobile No 1223324561

Firstname Sachin

Lastname Tendulkar

Amount

Reenter Amount

Username

Password

Received

Footer

*Payback amount screen*

## Other Expenses

This modules takes care of other expenses like bus passes, auto fare, snacks/breakfast costs etc...

Don't want to mix this cost with raw material cost or packets cost.

Header

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Home	User Management	Raw Material Management	Batch Management	Expenses
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Input Raw Material

Create New Batch

Batch ID	Name	Creation Date	Last Update date	Raw Material Sent	Status	Packets received	Action
BATCH1	Group 1	15 Jan, 2014	6 Feb, 2014	<a href="#">open</a>	Created	None	<a href="#">edit</a> <a href="#">delete</a>
BATCH2	Group 2	30 Jan, 2014	30 Jan, 2014	<a href="#">open</a>	In Progress	100	<a href="#">edit</a> <a href="#">delete</a>
BATCH3	Group 5	1 Jan, 2014	31 Jan, 2014	<a href="#">open</a>	Received	500	<a href="#">edit</a> <a href="#">delete</a>

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Footer

One can open above module by clicking on “Expenses” tab

Admin will get all other previous expense in table format

Then admin has to check whether that particular other expenses already entered in table or not

If that is not in table then admin can add that expense using “add expense”

Expenses

Other Expenses

add expense

No	Expense Description	Amount	Addition Date	Added By
1	Travelling pass	500	1/1/2014	swapnil

Total Other Expenses: 1000 Rs



Header

Expenses

### Add Other Expenses

Expense description

text

Amount

text

Add

Footer

*Add other expense screen*

## Online Booking

This is not actually completely online. Any user can place order online. Then that person will get call from library regarding order confirmation.

Anybody can place order by simply visiting to our site. and go to "online booking" tab.

**Online Booking**

Firstname	<input type="text"/>
Surname	<input type="text"/>
Email	<input type="text"/>
Home Phone No	<input type="text"/>
Mobile Phone No	<input type="text"/>
Address	<input type="text"/>
Reference Name	<input type="text"/>

**Order Information**

Select Packets	Packet Description	Quantity
<input checked="" type="checkbox"/>	100 gm Utana Packet	<input type="text" value="100"/>
<input type="checkbox"/>	200 gm Utana Packet	<input type="text"/>
<input checked="" type="checkbox"/>	250 gm Utana Packet	<input type="text" value="200"/>
<input checked="" type="checkbox"/>	500 gm Utana Packet	<input type="text" value="20"/>

Captcha
<input type="text" value="Enter captcha"/>

**Place order**

Packets Description consists list of all available size packets.

After placing order,buyer will get call from admin regarding order confirmation.

Admin can check order by using “Placed orders” tab.

When admin go to “placed orders” tab,admin will get “placed order list” in table format.

Then admin can check order status.

If order status is “new” then admin has to call particular buyer to confirm order and then needs to create new batch for same using batch management then admin has to change that particular order status to “in progress” by editing particular order.

Header

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Home	User Management	Raw Material Management	Batch Management	Placed Orders	Expenses
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### Placed Orders List

No	FirstName	Surname	Email	Home PhoneNo	Mobile No	Address	Reference Name	Order Date	Order Status
<a href="#">1</a>	Swapnil	Joshi	swapnil.joshi015@gmail.com		123456890	abcd	ABC	1 Jan,2014	New
<a href="#">2</a>	Swapnil	Joshi	swapnil.joshi015@gmail.com		123456890	abcd	ABC	1 Jan,2014	InProgress
<a href="#">1</a>	Swapnil	Joshi	swapnil.joshi015@gmail.com		123456890	abcd	ABC	1 Jan,2014	Delivered

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Footer

**Placed Orders**

Order No	10
Firstname	<input type="text" value="text"/>
Surname	<input type="text" value="text"/>
Mobile No	<input type="text" value="text"/>
Home Telephone No	<input type="text" value="text"/>
Email	<input type="text" value="text"/>
Address	<input type="text" value="text"/>
Order Placed Date	12/01/2014
Reference Name	<input type="text" value="text"/>
Status	<input type="text" value="In Progress"/> ▼
<input type="button" value="Done"/>	

*After completion of order,admin has to change status of order to “delivered”*