

Nursery Cash Flow Management

CSIT₂₄₂: MOBILE APPLICATION DEVELOPMENT (AUTUMN 2021)

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Table of Contents

1.	Start Page:	2
2.	Login Page:	2
3.	Home Page:	2
3.1.	View All Kids Page:	3
3.2.	Search Kid Page:	3
3.3.	View Statement Page:	4
3.4.	Logout Page:	4
4.	Charge Kid Page:	4
5.	Enroll Kid Page:	5
6.	Add Expenditure Page:	6
7.	Generate Page:	6
7.1.	Generate For a Specific Kid Page:	6
7.2.	Generate For All Kids Page:	7
7.3.	Generate Profit Statements Page:	8

1. Start Page:

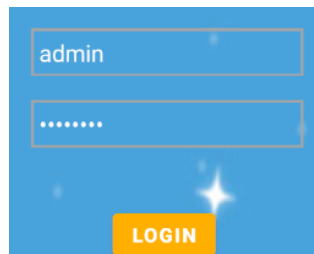
Start Page is the page what user will see when they run this application. This page is to load full application and will wait for user to interact.

By clicking this page anywhere user can start using application.

This will go to Login Page.

2. Login Page:

This page is to verify the admin user and will allow only if the given username and password is same with the predefine data.




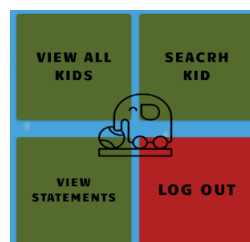
A login form on a blue background. It contains a text input field with the text 'admin', a password input field with masked characters '*****', and an orange 'LOGIN' button at the bottom.

This will allow user to enter details only three times. If its not correct it will go to Start Page again.

Username - admin
Password - admin123

3. Home Page:

Home page  is to allow user to do perform four activitys. View all kids, Search kid, View statement, and Logout.



By clicking Logout will go to Start page.


Other activities are described below –


3.1. VIEW ALL KIDS PAGE:

This will allow user to view all the enrolled Kids in the database. This does not require any inputs from user. In this application is using preloaded database which already have few records in it.



Kid Id: 1
Parent Name: rahuly
Parent Number: 111111111111
Kid Name: rahul
Kid Age: 5
Date of Registration: 1-1-2022

Also, user can modify kid information by clicking  icon which is visible for every kid's information in the view list.

Moreover, user can also delete user information by clicking  icon which is also available for every kid's information in the view list.

3.2. SEARCH KID PAGE:

Search kid allow user to search specific kid by their parent's name, parent's number and kid's name. User can also modify and delete after searching the kid.



Enter Details

rahuly
111111111111
rahul

If the given information match with the database record it will display the details.



Details

Kid Id: 1
Parent Name: rahuly
Parent Number: 111111111111
Kid Name: rahul
Kid Age: 5
Date Of Registration: 1-1-2022

Else will show a toast by saying "Sorry, Record not found."


3.3. VIEW STATEMENT PAGE:

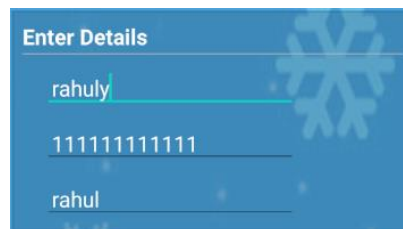
This will go to normal Generate Page. The details are described in Generate Page.

3.4. LOGOUT PAGE:

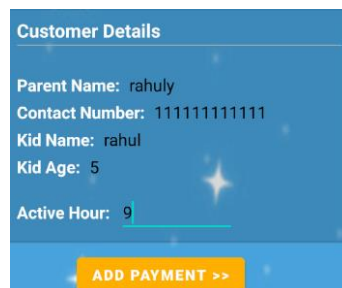
This will go to Start page and if user want to use the application again, they will need to login first.

4. Charge Kid Page:

To perform this activity  user needs to search the kid by entering details. Perform the search is the same as Search Kid Page.



After searching the kid user needs to add active hour.



By submitting this, application will calculate charge and display it. In this stage user can payment or can add a coupon code.



For this application we have 3 coupon code –

KID10 for 10% discount

KID15 for 15% discount

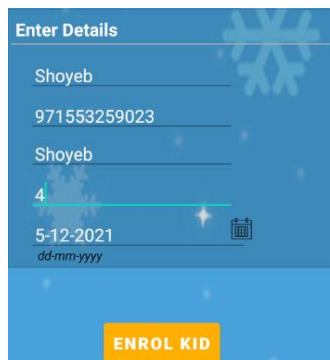
KID15 for 20% discount



After adding the coupon user can finish their payment. After successful payment application will inform user by a toast.


5. Enroll Kid Page:

This will allow user to enroll a new Kid  to the system. For this user needs to insert parent's name, parent's number, kid name, kid age and registration date.




For each input we have input format. If tries to insert wrong input will inform user to add right input by error message.

6. Add Expenditure Page:

This activity will allow user to add expenses  to the database. To perform this activity user needs to select expense type from a drop-down list, add the amount and add the date of expense.



7. Generate Page:

This page  can perform three tasks.

Generate statement for specific kid

Generate statement for all kid

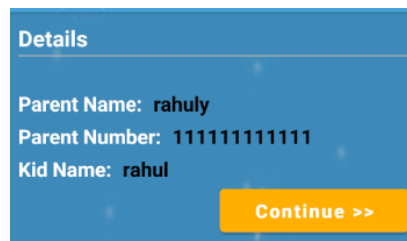
Generate profit statement

The details are given below –

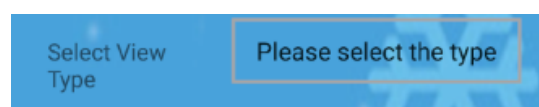


7.1. GENERATE FOR A SPECIFIC KID PAGE:

To perform this activity, user need to search a specific kid. Search is same as Search Kid Page.



After getting kid information user needs to continue that which will go to generate statement page.



Where user can generate statement by a given date, selecting month, or giving year.

Select View Type: Date

Date

Generate

Select View Type: Month

Select Month: Please select the type

Generate

Select View Type: Year

Date

Generate

Select View Type: Year

2021

Generate

Parent Name: rahuly Total: 136.0

Kid Name: rahul

Transaction Date: 5-12-2021

To see a kid details kid must have a payment record. Else it will not show record for that kid.

7.2. GENERATE FOR ALL KIDS PAGE:

To perform this activity user, need to select the view type from the drop-down list.

Select View Type: Date

Date

Generate

Select View Type: Month

Select Month: Please select the type

Generate

Select View Type: Year

Date

Generate

Depends on the view type system will display kid information from database.

Select View Type: Month

Select Month: December

Generate

Parent Name: rahuly	Total: 108.0
Kid Name: rahuly	
Transaction Date: 4-12-2021	
Parent Name: aditya	Total: 140.0
Kid Name: dudu	
Transaction Date: 5-12-2021	
Parent Name: sharma	Total: 144.5
Kid Name: rohit	
Transaction Date: 5-12-2021	
Parent Name: virat	Total: 140.0
Kid Name: kohli	
Transaction Date: 5-12-2021	

To see a kid details kid must have a payment record. Else it will not show record for that kid.

7.3. GENERATE PROFIT STATEMENTS PAGE:

To perform this activity user needs to choose the view type from the drop-down list. Depending on the view selection and input system will show the details.

This view is giving information of the income of that date and expenses of that date. So, if there is no income or expense it will be 0 for that part.

Select View Type

Month

Select Month

December

Generate

DATE	INCOME	EXPENSE
10-12-2021	0.0	20000.0
3-12-2019	0.0	2000.0
23-12-2021	0.0	500.0
25-12-2021	0.0	400.0
5-12-2021	0.0	1500.0
4-12-2021	108.0	0.0
5-12-2021	140.0	0.0
5-12-2021	144.5	0.0
5-12-2021	140.0	0.0
5-12-2021	195.5	0.0