

MAD Project Evaluation 1 – June Intake 2022								
Team Name:	Binary Matter				Batch:	Batch 2.2		
Student ID	Student Name	Consistency (Out of 2)	Appropriateness and Professionalism (Out of 3)	Usage of resource manager (Out of 4)	Out of box design ideas (Out of 3)	Report (Out of 8)	Total (Out of 20)	Comments
IT20665234	Silva D.T.T							
IT20655716	Welagedara P.G.R.D.P							
IT20652050	Muhandiram K.M.G.K.W							
IT20916626	Gangoda G.G.W.N							

Git Repository Link:
(If already created)

-----For Evaluators use only-----

Evaluator's name:

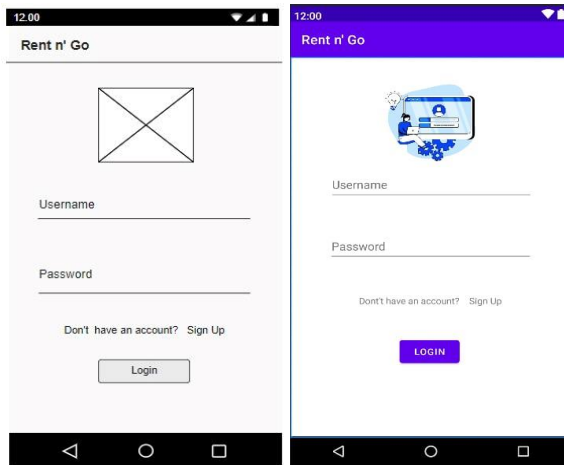
Others:

Introduction to the Project

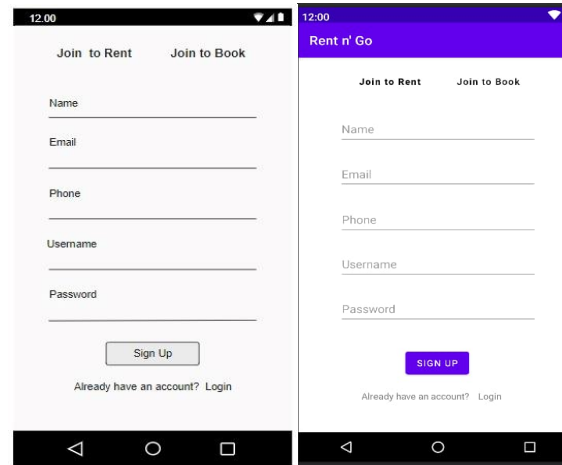
Rent n' Go is a Vehicle Rental App that can be used for rent and reserve vehicles. Transport facility is a matter of headache for those people who do not have any personal transport. On occasions like wedding, vacation, house shifting, tour outside and on many other situations they feel the necessity of a vehicle to sort out the problems. So, if it is possible to design or develop a mobile application for availing transport whenever and wherever possible, then it will be beneficial for both renter and buyer. Rent n' Go app allows buyers to easily discover vehicles they are looking to rent, see their availability and rental prices through the system. Buyers can rent out vehicle under several categories such as luxury vehicles, car, van, bus, bikes, three-wheel, lorry and jeep. Each type of vehicle should have a different rental fee according to number of days, vehicle type and distance. According to the rental policy renter gives first 100km free and buyer must pay for extra kilo meters. Buyer can request a vehicle through a request form according to budget, type of vehicle and date. Renters can view all buyer requests. If Renter can fulfil buyer requirements, they can send offers to the buyers as a notification. Once reservation have been made online, buyers can pay their rental through the app by using payment methods. Also, if buyer is satisfied, he/she can rate and make reviews.

IT20665234 – Silva D.T.T

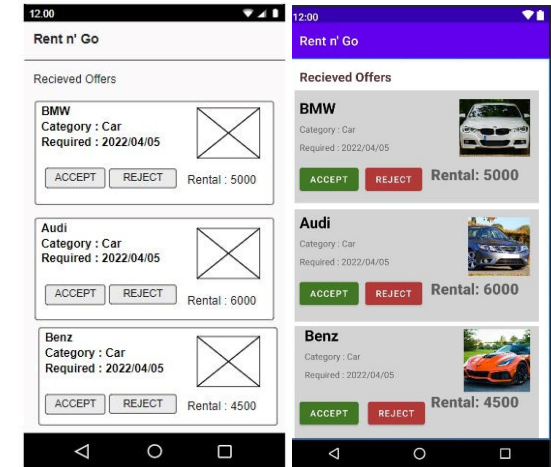
Vehicle request, customer, and seller management



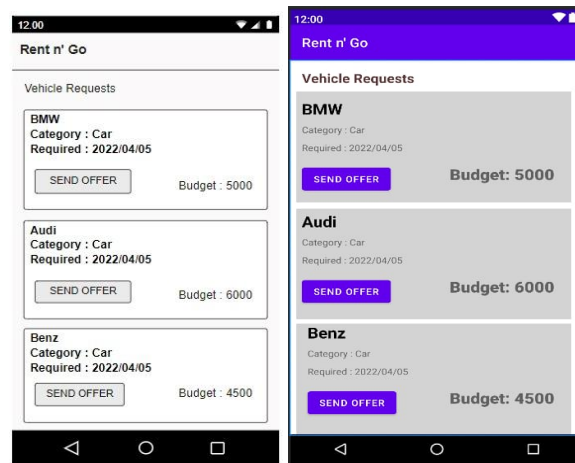
Two mobile app screens for 'Rent n' Go'. The left screen is the login page with fields for Username and Password, a 'Login' button, and a 'Sign Up' link. The right screen is the sign-up page with fields for Username, Password, and a 'Sign Up' button, along with a 'Login' link. Both screens have a purple header and a white background.



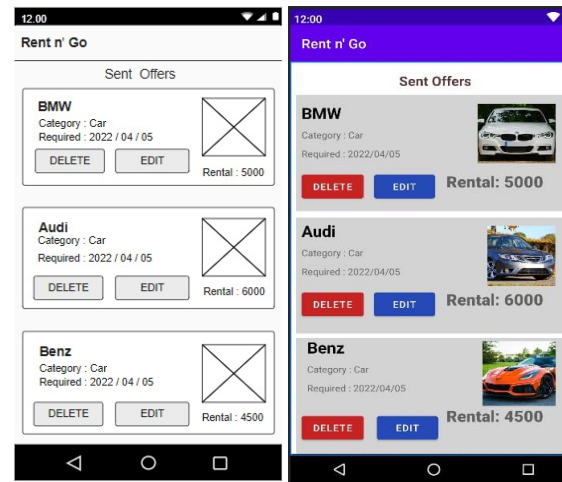
Two mobile app screens for 'Rent n' Go'. The left screen is the 'Join to Rent' page with fields for Name, Email, Phone, Username, and Password, and a 'Sign Up' button. The right screen is the 'Join to Book' page with fields for Name, Email, Phone, Username, and Password, and a 'Sign Up' button. Both screens have a purple header and a white background.



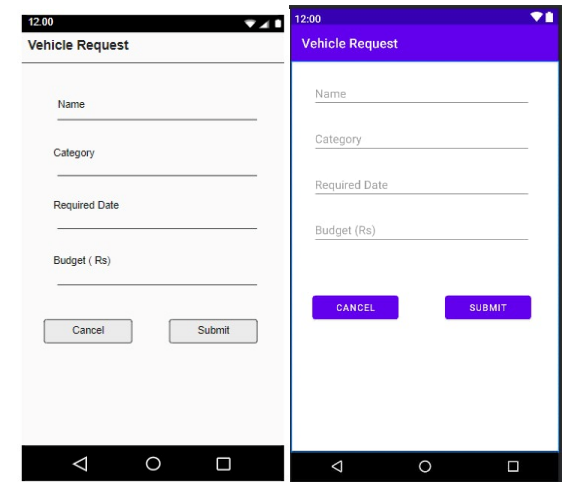
Two mobile app screens for 'Rent n' Go' showing received offers. The left screen shows three offers: BMW (Rental: 5000), Audi (Rental: 6000), and Benz (Rental: 4500). Each offer has an 'ACCEPT' button, a 'REJECT' button, and a placeholder image. The right screen shows the same offers with actual car images. Both screens have a purple header and a white background.



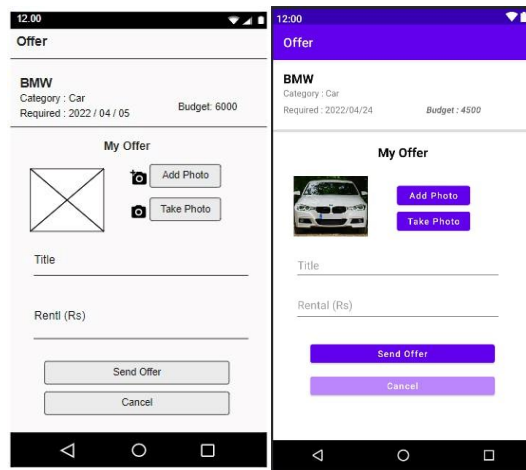
A mobile app screen for 'Rent n' Go' showing vehicle requests. It lists three requests: BMW (Budget: 5000), Audi (Budget: 6000), and Benz (Budget: 4500). Each request has a 'SEND OFFER' button. The screen has a purple header and a white background.



Two mobile app screens for 'Rent n' Go' showing sent offers. The left screen shows three offers: BMW (Rental: 5000), Audi (Rental: 6000), and Benz (Rental: 4500). Each offer has a 'DELETE' button, an 'EDIT' button, and a placeholder image. The right screen shows the same offers with actual car images. Both screens have a purple header and a white background.



Two mobile app screens for 'Rent n' Go' showing the vehicle request form. The left screen is the form with fields for Name, Category, Required Date, and Budget (Rs), and 'Cancel' and 'Submit' buttons. The right screen is the same form with a 'CANCEL' button and a 'SUBMIT' button. Both screens have a purple header and a white background.



Crud operations and functionality of the components

Login UI - This is the initial page of our system which user lands when he/she loads the app

Sign up UI - This is a sign-up page for new users. For rent or reserve purposes the user should fill the form and sign up

Vehicle Requests - Buyer can request a vehicle through a request form according to budget, type of vehicle and date. Renters can view all buyer requests. In here renters can view all the requests from buyers. If renter can fulfill buyer's requirements renter can send their offer by clicking send offer button

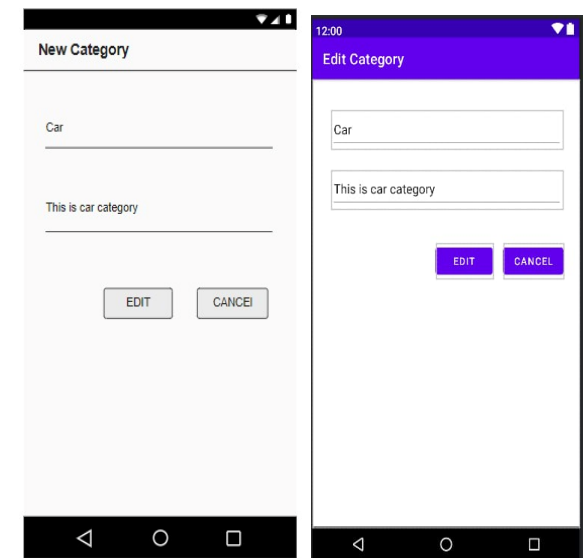
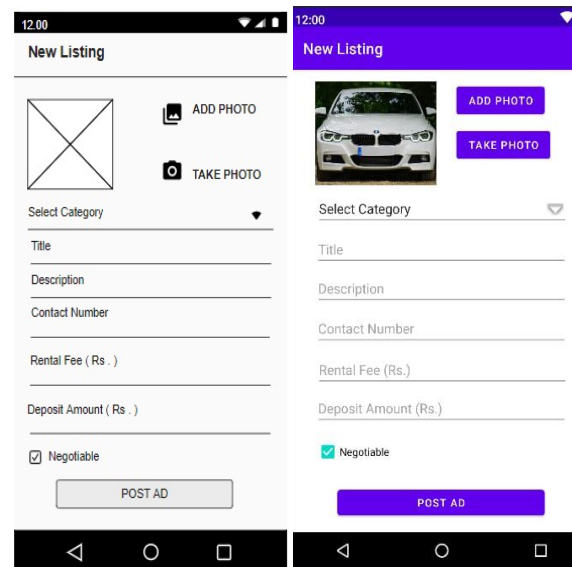
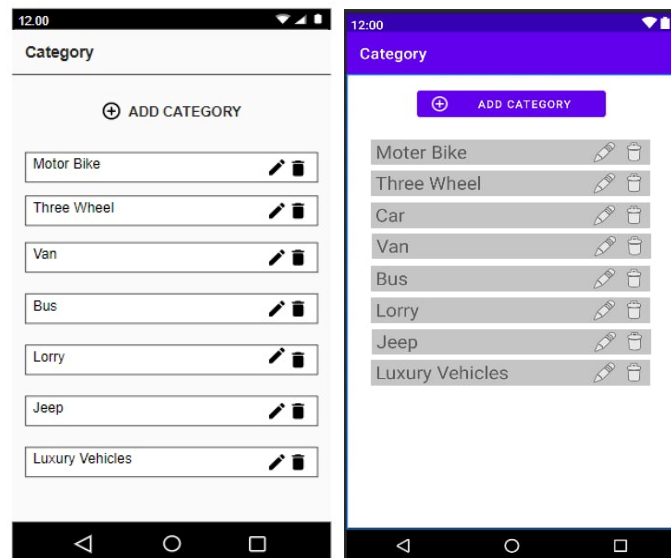
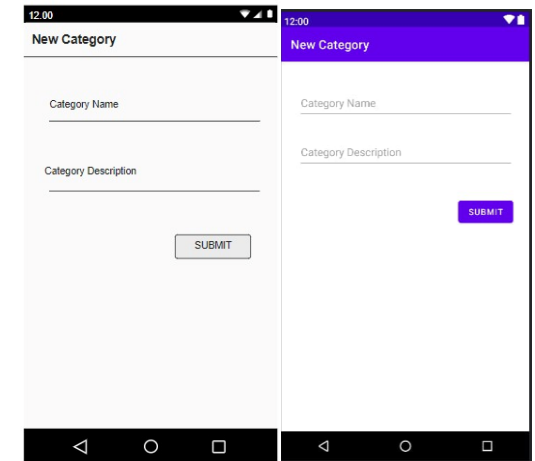
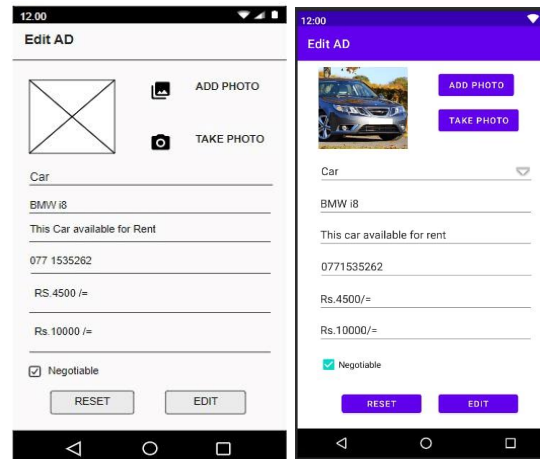
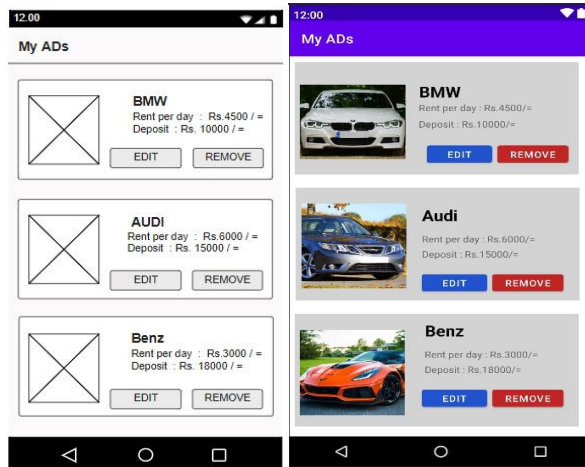
Received Offers - If Renter can fulfil buyer requirements, they can send offers to the buyers as a notification. This is an interface for received offers which shows all offers from renters to the buyers. In here buyers can accept or reject that offers on their requirements.

Sent offers - There can be multiple offers sent to many product requests by a certain seller.

Usage of Resource Files

```
<resources>
    <string name="et_username">Username</string>
    <string name="et_password">Password</string>
    <string name="login_button">Login</string>
    <string name="tv_signup">Don\'t have an account?</string>
    <string name="tv_signupLink">Sign Up</string>
    <string name="btn_joinToRent">Join to Rent</string>
    <string name="btn_joinToBook">Join to Book</string>
    <string name="et_Name">Name</string>
    <string name="et_Email">Email</string>
    <string name="et_phone">Phone</string>
    <string name="signup_button">Sign Up</string>
    <string name="tv_Login">Already have an account?</string>
    <string name="tv_LoginLink">Login</string>
    <string name="tv_VehiReq">Vehicle Requests</string>
    <string name="btn_sendOffer">Send Offer</string>
    <string name="tv_budget">Budget</string>
    <string name="tv_category">Category</string>
    <string name="tv_reciOffers">Received Offers</string>
    <string name="tv_sentOffers">Sent Offers</string>
    <string name="btn_delete">Delete</string>
    <string name="btn_edit">Edit</string>
    <string name="tv_myOffer">My Offer</string>
    <string name="btn_submit">Submit</string>
    <string name="btn_cancel">Cancel</string>
</resources>
```

IT20655716 – Welagedara P.G.R.D.P
Vehicle listing and Category Management



Crud operations and functionality of the components

New listening - If the user wants to post an AD about his rental goods. For that he/her need to fill this form.

My Ads - Then he/she can see all the ads published by him here. He can make changes to the ads he has posted or remove those ads if he so wants. Edit ad - When the user clicks the edit button on the previous page, the user will come to this page. If the user wants to make any changes to the ad on this page, they can do so. Add category - Admin can add a new category through this page and delete, edit and view the existing category. New category - From this page, the admin can add a new category to the app. Relevant information should be included in this form when adding a new category. That should include the title of the category and the types of subcategories. Edit category - Clicking on the edit button on the previous page brings the user to this page. This allows the admin to update existing category data if desired and add or subtract new subcategories.

Usage of Resource Files

```
<resources>
    <string name="btn_addCat">Add Category</string>
    <string name="btn_addPhoto">Add Photo</string>
    <string name="btn_takePhoto">Take Photo</string>
    <string name="btn_reset">Reset</string>
    <string name="btn_edit">Edit</string>
    <string name="checkBox_negotiable">Negotiable</string>
    <string name="btn_cancel">Cancel</string>
    <string name="btn_remove">Remove</string>
    <string name="tv_rentPerDay">Rent per Day</string>
    <string name="tv_deposit">Deposit</string>
    <string name="btn_submit">Submit</string>
    <string name="et_selectCat">Select Category</string>
    <string name="et_title">Title</string>
    <string name="et_description">Description</string>
    <string name="et_rentalFee">Rental fee (Rs.)</string>
    <string name="et_depositAmount">Deposit Amount</string>
    <string name="btn_postAD">Post AD</string>
</resources>
```


IT20652050 – Muhandiram K.M.G.K.W
Vehicle Review, Customer Service, Listing Management by admin

12:00

Rent n' Go

Vehicle Specification For Add to List



APPROVE


Owner Name: Gaween Kanishka
 Address: 62 / 2 / colombo 2
 Telephone: 0119373833
 Email: Kanishka@gmail.com
 Vehicle Brand: Deffender
 Colour: Metallic
 Fuel type: Diesel
 M_Year: 2018
 Current Milage: 12577

DECLINE BACK

12:00

MAD Project

Vehicle Specification For Add to List



APPROVE

Owner Name: Gaween kanishka
 Address: 62/2/colombo 2
 Telephone: 0119373833
 Email: kanishka@gmail.com
 Vehicle Brand: Deffender
 Colour: Metallic
 Fuel type: Diesel
 M_Year: 2018
 Current Milage: 12577

DECLINE BACK

12:00

Rent n' Go

Customer Support

Have a Nice day....
 I'm niki how can I help you

Can I know the prise

Type to send

SEND

12:00

MAD Project

Customer Support

Have a Nice day.. im niki how can i help you

Can I know the prise

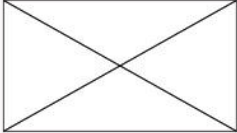
Type to send





SEND

12:00

Rent n' Go


View Past Reviews



 ★★★★★ 2 / 4 / 22
 ★★★★★ 7 / 4 / 22
 ★★★★★ 2 / 3 / 22
 ★★★★★ 6 / 1 / 22

12:00

MAD Project



Bmw RX8

Running condition ★★★★★

Confortability ★★★★★

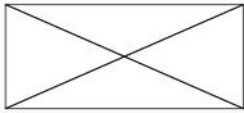
Price ★★★★★

Add comment add comment here

SUBMIT REVIEW CANCEL

12:00

Rent n' Go



BMW RX8

Running condition ★★★★★

Confortability ★★★★★


Price ★★★★★





Submit REVIEW Cancel

12:00

MAD Project

View Past Reviews



 ★★★★★ 2/4/22
 Thushara thiwanka
 ★★★★★ 7/4/22
 Dilki Welagedara
 ★★★★★ 2/3/22
 Gaween kanishka
 ★★★★★ 6/1/22
 Nikethani Gangoda

Crud operations and functionality of the components

view past reviews - User can view other customers' reviews on a view product and able to edit or delete his/her previous reviews. A pop up appears to conform user cations. After the product has been successfully returned, a notification is sent to the user asking to review the product.

Here, user can rate the product using stars and give a brief description about the experience . Customers can contact support services via chat system build in to the app. After clicking on a listing in 'Approve Listings' page this screen approved by an admin. This screen shows all the available listings that require approval.

```
<string name="ocf_btn1">Approve</string>
<string name="ocf_tv_tit">View Past Review</string>

<string name="cs_btn">Send</string>
<string name="tv_tit">Customer Support</string>
<string name="tv_text1">Type to send</string>
```

Usage of Resource Files

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="review_btn">Submit Review</string>
    <string name="review_btn2">Cancel</string>
    <string name="tv_rate1">Running Condition</string>
    <string name="tv_rate2">Comfortability</string>
    <string name="tv_rate3">Price</string>
    <string name="tv_rate4">Add comment</string>

    <string name="vapr_tv_title">Vehicle Specification</string>
    <string name="vapr_tv_omne">Owner Name</string>
    <string name="vapr_tv_adr">Address</string>
    <string name="vapr_tv_tp">Telephone</string>
    <string name="vapr_tv_mail">Email</string>
    <string name="vapr_tv_vbrand">Vehicle Brand</string>
    <string name="vapr_tv_clr">Color</string>
    <string name="vapr_tv_fuel">Vehicle Fuel Type</string>
    <string name="vapr_tv_myyear">Year of manufacture</string>
    <string name="vapr_tv_mileage">Current Mileage</string>
    <string name="vapr_btn1">Approve</string>
    <string name="vapr_btn2">Decline</string>
    <string name="vapr_btn3">Back</string>
```

IT20916626 – Gangoda G.G.W.N Vehicle Rental and Payment

12.00

Detail View

BMW

Rs. 12000 / =

5 seats
1 Large bag
Manual
1 Small bag

Free 100 km Extra 1 Km + 30Rs

Brand : New
Trim / Edition : M Sport Original
Condition : Used
Body type : Saloon
Engine Capacity : 2,000 cc

Model : 502d
Year of manufacture : 2020
Transmission : Automatic
Fuel Type : Diesel
Mileage : 51500km

Book Cancel

12:00

MAD Project

BMW

Rs.12000/=

5 seats
1 Large bag
Manual
1 Small bag

Free 100km Extra 1km + 30Rs

Brand : BMW
Trim / Edition : M Sport Original
Condition : Used
Body type : Saloon
Engine capacity : 2,000 cc

Model : 520d
Year of Manufacture : 2012
Transmission : Automatic
Fuel type : Diesel
Mileage : 51,500 km

BOOK CANCEL

12.00

All Vehicles

Location Category

Mazda
12000 per Day
5 Full to Full

Mazda
12000 per Day
5 Full to Full

Mazda
12000 per Day
5 Full to Full

Mazda
12000 per Day
5 Full to Full

12:00

MAD Project

LOCATION CATEGORY

Mazda
12000 per Day
5 Full to Full

Bmw
15000 per Day
4 Full to Full

Toyota
8000 per Day
4 Full to Full

Ferrari
10000 per Day
2 Full to Full

12.00

Proceed Payment

Status : Approved

Card
PayPal
Checking

Name on Card
Name

Card Number
1452-XXXX-XXXX-XXXX

Expiry Date
xx/xx

CVC
xxx

Pay Cancel

12:00

MAD Project

Proceed Payment

Status Approved

Card
PayPal
Checking

Name on Card
Name

Card Number

Expiry Date CVC

PAY CANCEL

12.00

MAD Project

Customer Details

Customer name Gangoda Wathsala

Telephone 0774402720

07 Sat | November Time : 11: 30 → 07 Tue | November Time : 11: 30

CONFIRM CANCEL

12:00

MAD Project

Customer Details

Customer name Gangoda Wathsala

Telephone 0774402720

07 Sat | November Time : 11:30 → 10 Tue | November Time : 11:30

CONFIRM CANCEL


```
<resources>

    <string name="btn_book">Book</string>
    <string name="btn_cancel">Cancel</string>
    <string name="btn_location">location</string>
    <string name="btn_category">Category</string>
    <string name="vl_condition">Full to full</string>
    <string name="vl_pc">5</string>


    <string name="pay_title">Proceed Payment</string>
    <string name="pay_Status">Status</string>
    <string name="pay_status2">Approved</string>
    <string name="pay_cdn">Name on Card</string>
    <string name="pay_cdnum">Card Number</string>
    <string name="pay_cdexd">Expiry Date</string>
    <string name="pay_cdcvc">CVC</string>
    <string name="pay_cd_btn1">Pay</string>
    <string name="pay_cd_btn2">Cancel</string>


    <string name="vcm_tit">Customer Details</string>
    <string name="vcm_nm">Customer Name</string>
    <string name="vc_tp">Telephone</string>
```

```
<string name="Dv_seat">5 Seats</string>
<string name="Dv_note">Free 100km Extra 1km + 30Rs</string>
<string name="Dv_brand">Brand</string>
<string name="Dv_edition">Edition</string>
<string name="Dv_condition">Condition</string>
<string name="Dv_bodyt">Body Type</string>
<string name="Dv_Ecc">Engine Capacity</string>
<string name="Dv_model">Model</string>
<string name="Dv_yom">Year of manufacture</string>
<string name="Dv_transmit">Transmission</string>
<string name="Dv_fueltyp">Fuel Type</string>
<string name="Dv_milage">Milleage</string>
```

```
</resources>
```