

A thick blue arrow pointing to the right, positioned to the left of the title.

# GoCard

Online Transaction Credit Card Manager

Several thin, curved blue lines of varying lengths and shades (dark blue and light blue) extending from the left side of the page towards the bottom right.

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## Table of Contents

Introduction.....	2
List of Entries.....	3
Enter Details.....	4
Edit Details .....	5

## Introduction

This application was made using the Cordova open-source mobile development framework. It can be utilized by online shopping platforms for their users when they are placing orders. The user can store information about their credit cards privately and later select the credit card they want to use to make the online payment. This application collects information from its user about two things – their credit card details, and their shipping/billing address.

Under credit card details, the following information was collected:

1. First Name.
2. Last Name.
3. Credit Card number (16 digits).
4. CVV code (3 digits).
5. Credit Card Expiration month.
6. Credit Card Expiration year.

Under shipping address details, the following information was collected:

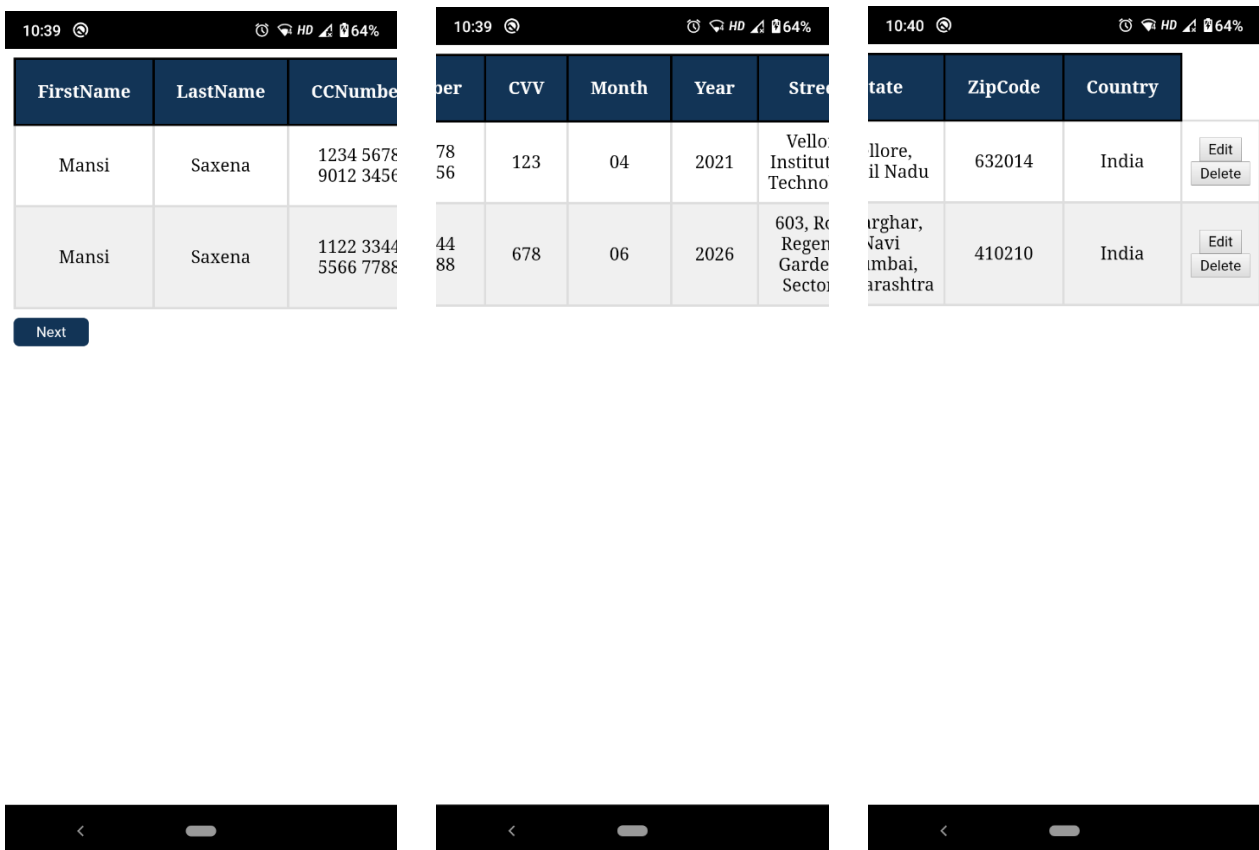
1. Street Name.
2. Region/Province/State.
3. Zip code.
4. Country

There are three screens in this application. The first page displays the information about all the credit cards that the user has entered in a tabular format. This display page can lead to two other pages – the form page, where the user can enter details about themselves, and the edit page, where the user can edit any of the previously entered credit card details. Both of these pages lead back to the display page.

## List of Entries

The first screen is a display page. It displays all the information that a particular user has entered about their credit cards in a tabular format. There is a 'Next' button on this page leading to the form page that collects all these details. At the end of each row in the table, there is a delete and an edit button. On clicking the delete button, an alert is thrown that the row with row number (i.e., rowed) 'i' is deleted. It permanently deletes the row from the table. When the edit button is clicked, it directs to the edit page where any details that were previously entered by the user can be edited. Both, the form page and the edit page direct back to the display page when the information is submitted. The main style of this page is blue and gray. This theme of colors is followed on all pages of the application.

Attach Screenshot of Screen 1



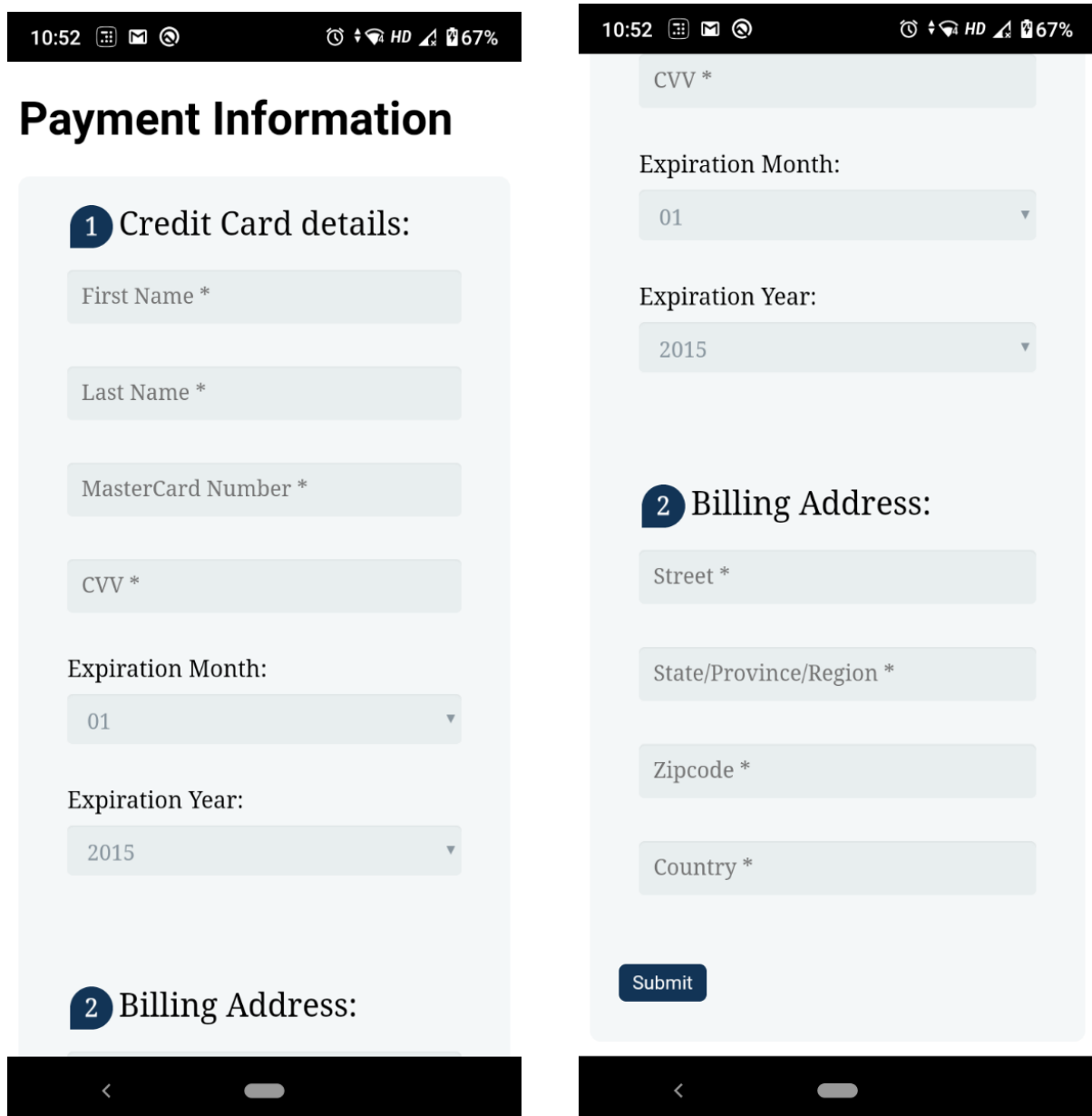
FirstName	LastName	CCNumber	ExpiryMonth	CVV	ExpiryYear	Street	State	ZipCode	Country	Edit	Delete
Mansi	Saxena	1234 5678 9012 3456	07	123	2021	Vellore, Tamil Nadu	632014	India			
Mansi	Saxena	1122 3344 5566 7788	04	678	2026	Surghar, Mumbai, Maharashtra	410210	India			

## Enter Details

The second page is the form page, where the user can enter their credit card and shipping address details. All information collected is stored in an SQLite database. On clicking the submit button, an alert is thrown about the SQL INSERT query that will execute on submission of the form. It then directs back to the display page. The types of details collected are:

1. First Name. (text input)
2. Last Name. (text input)
3. Credit Card number (16-digit number input).
4. CVV code (3-digit number input).
5. Credit Card Expiration month. (drop down select list from 01 to 12 input)
6. Credit Card Expiration year. (drop down select list of years)
7. Street Name. (text input)
8. Region/Province/State. (text input)
9. Zip code. (number input)
10. Country. (text input)

Attach Screenshot of Screen 2



The image shows two side-by-side screenshots of a mobile application interface. Both screenshots have a status bar at the top showing the time as 10:52, battery level at 67%, and various connectivity icons. The app title 'Payment Information' is displayed in a large, bold font at the top of the screen.

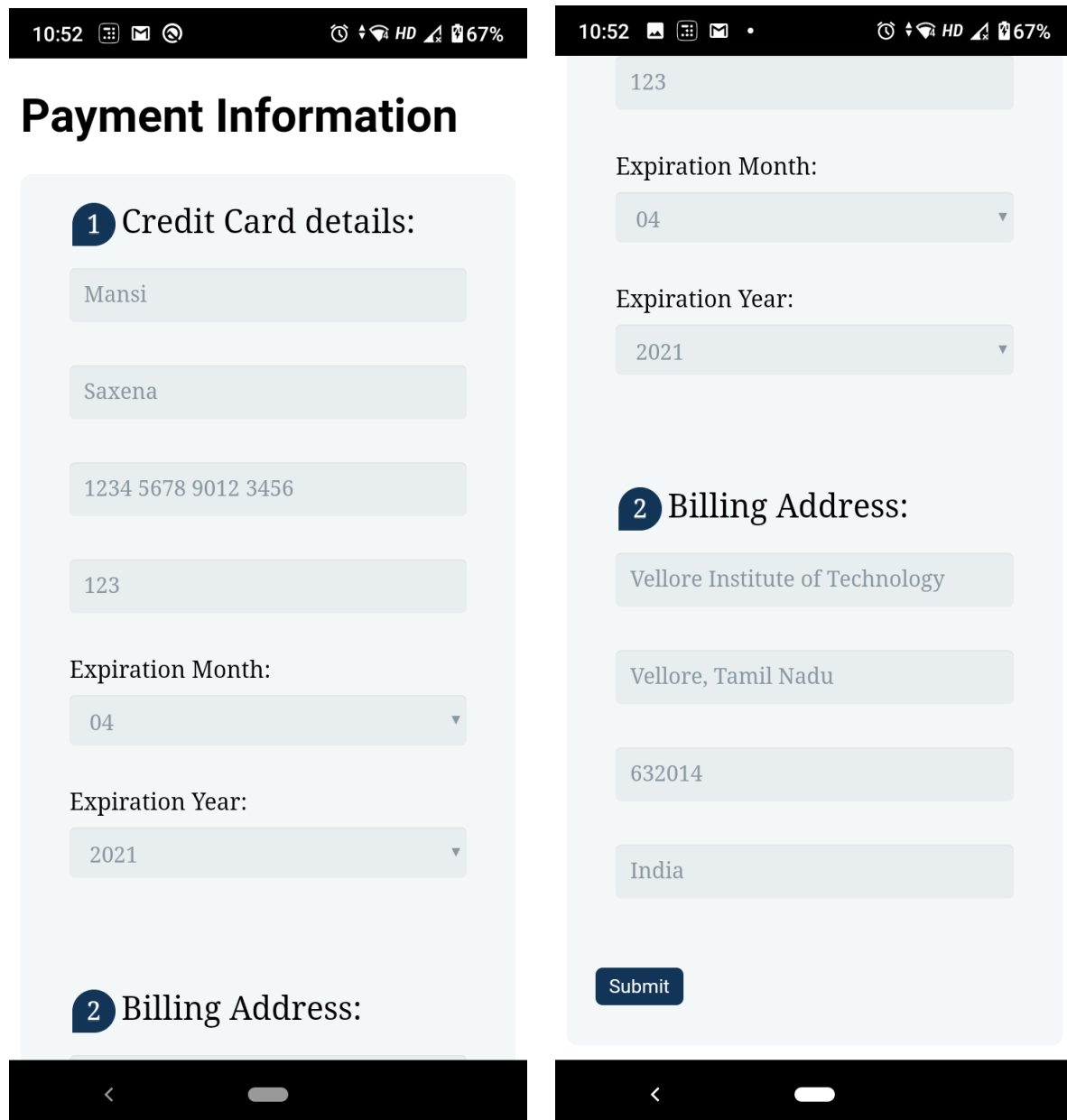
The left screenshot shows the '1 Credit Card details:' section. It contains the following fields: 'First Name \*', 'Last Name \*', 'MasterCard Number \*', 'CVV \*', 'Expiration Month:' (a dropdown menu with '01' selected), and 'Expiration Year:' (a dropdown menu with '2015' selected). Below this is the '2 Billing Address:' section, which is partially visible.

The right screenshot shows the '2 Billing Address:' section. It contains the following fields: 'Street \*', 'State/Province/Region \*', 'Zipcode \*', and 'Country \*'. At the bottom of this section is a blue 'Submit' button.

## Edit Details

The third page is the form page, where the user can edit any of their entered details. It looks exactly like the form page and collects the same types of information from the user as mentioned previously. The information stored in the SQLite database is retrieved and used to auto fill all the input areas on the page. After the user edits their details, they click on the submit button to save the changes. This throws an alert about the SQL UPDATE query that executes on submission of the edited form. It then directs back to the display page.

Attach Screenshot of Screen 3



**Payment Information**

**1 Credit Card details:**

Mansi

Saxena

1234 5678 9012 3456

123

Expiration Month:

04

Expiration Year:

2021

**2 Billing Address:**

Vellore Institute of Technology

Vellore, Tamil Nadu

632014

India

Submit