

Charotar University Of Science & Technology
Faculty Of Technology & Engineering
Chandubhai S. Patel Institute Of Technology
Smt. Kundanben Dinsha Patel Department Of Information Technology

WEEKLY REPORT

Summer Internship 2025

Student Name: Vanshika Indravadan Patel Roll No: 22IT117

Week No: 5 Duration: 09/06/2025 : 13/06/2025

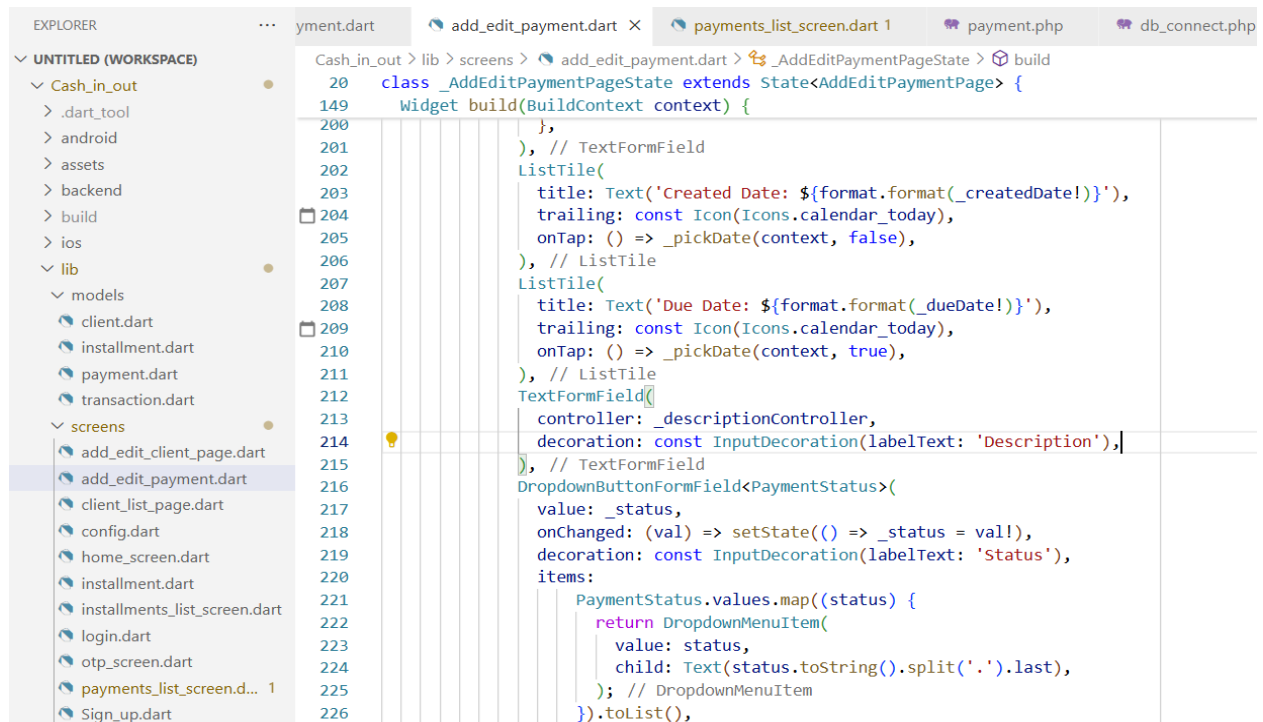
Company Name: Agevole Innovation

Project Name: Cash In-Out App

Summary of Work done the week (Attach supporting Documents):

09-06-2025 Monday

- Connected Flutter form with backend PHP API to add a payment.
- Setup validation for amount, date, and client selection fields.
- Implemented dropdown to select client and date picker for payment date.



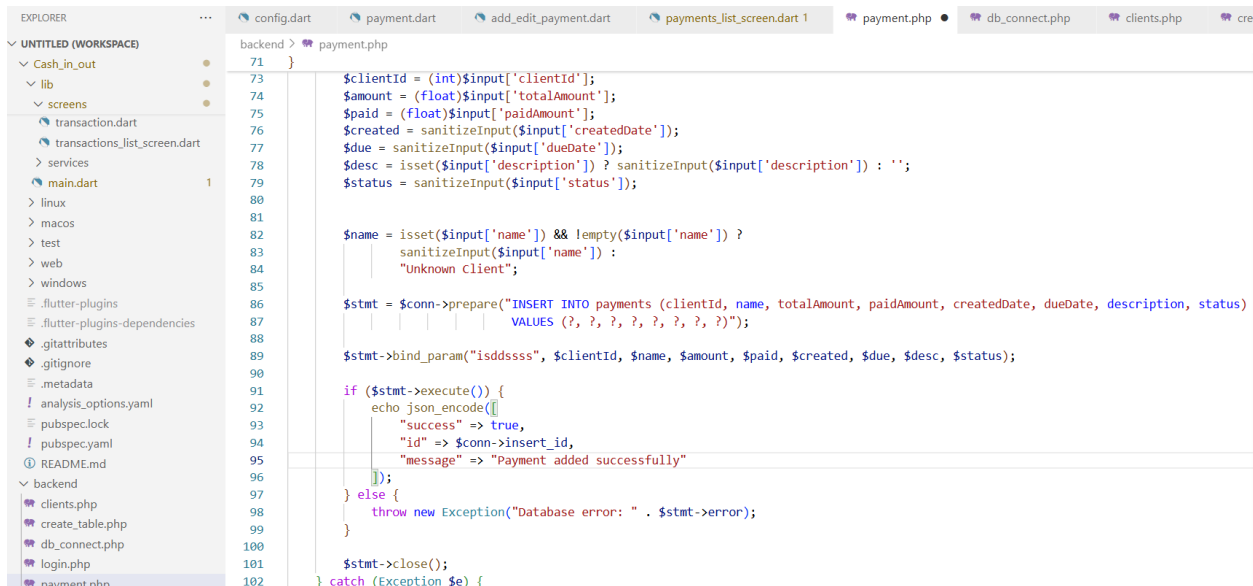
```
20 class _AddEditPaymentPageState extends State<AddEditPaymentPage> {
149   Widget build(BuildContext context) {
200   },
201   // TextFormField
202   ListTile(
203     title: Text('Created Date: ${format.format(_createdDate!)}'),
204     trailing: const Icon(Icons.calendar_today),
205     onTap: () => _pickDate(context, false),
206   ), // ListTile
207   ListTile(
208     title: Text('Due Date: ${format.format(_dueDate!)}'),
209     trailing: const Icon(Icons.calendar_today),
210     onTap: () => _pickDate(context, true),
211   ), // ListTile
212   TextFormField(
213     controller: _descriptionController,
214     decoration: const InputDecoration(labelText: 'Description'),
215   ), // TextFormField
216   DropdownButtonFormField<PaymentStatus>(
217     value: _status,
218     onChanged: (val) => setState(() => _status = val!),
219     decoration: const InputDecoration(labelText: 'Status'),
220     items:
221       PaymentStatus.values.map((status) {
222         return DropdownMenuItem(
223           value: status,
224           child: Text(status.toString().split('.').last),
225         ); // DropdownMenuItem
226       }).toList(),
227   ),
228 }
```

Figure 1: This image shows the setup validation for amount, date, and client.

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10-06-2025 Tuesday

- Created MySQL table structure and PHP API endpoint for inserting new payment records.
- Integrated http.post() in Flutter to send payment data.
- Handled success/failure response with UI feedback (Snackbar).
- Tested insertion with different data values.



```
71 }
72
73 $clientId = (int)$input['clientId'];
74 $amount = (float)$input['totalAmount'];
75 $paid = (float)$input['paidAmount'];
76 $created = sanitizeInput($input['createdDate']);
77 $due = sanitizeInput($input['dueDate']);
78 $desc = isset($input['description']) ? sanitizeInput($input['description']) : '';
79 $status = sanitizeInput($input['status']);
80
81
82 $name = isset($input['name']) && !empty($input['name']) ?
83     sanitizeInput($input['name']) :
84     "Unknown client";
85
86 $stmt = $conn->prepare("INSERT INTO payments (clientId, name, totalAmount, paidAmount, createdDate, dueDate, description, status)
87     VALUES (?, ?, ?, ?, ?, ?, ?, ?)");
88
89 $stmt->bind_param("isddssss", $clientId, $name, $amount, $paid, $created, $due, $desc, $status);
90
91 if ($stmt->execute()) {
92     echo json_encode([
93         "success" => true,
94         "id" => $conn->insert_id,
95         "message" => "Payment added successfully"
96     ]);
97 } else {
98     throw new Exception("Database error: " . $stmt->error);
99 }
100
101 $stmt->close();
102 } catch (Exception $e) {
```

Figure 2: This image displays the transactions table from the flutter_auth_new database in phpMyAdmin.

11-06-2025 Wednesday

- Implemented logic to calculate and show remaining balance after each payment.
- Fetched client's previous payments from DB and calculated cumulative total.
- Added display logic on UI to show:
 - Total paid
 - Remaining balance
 - Previous payments (if any)

12-06-2025 Thursday

- Developed real-time UI update for PaymentsListScreen after adding a new payment.
- Used setState() and passed callback to refresh the list.
- Handled edge cases (e.g., payment of 0, future dates).

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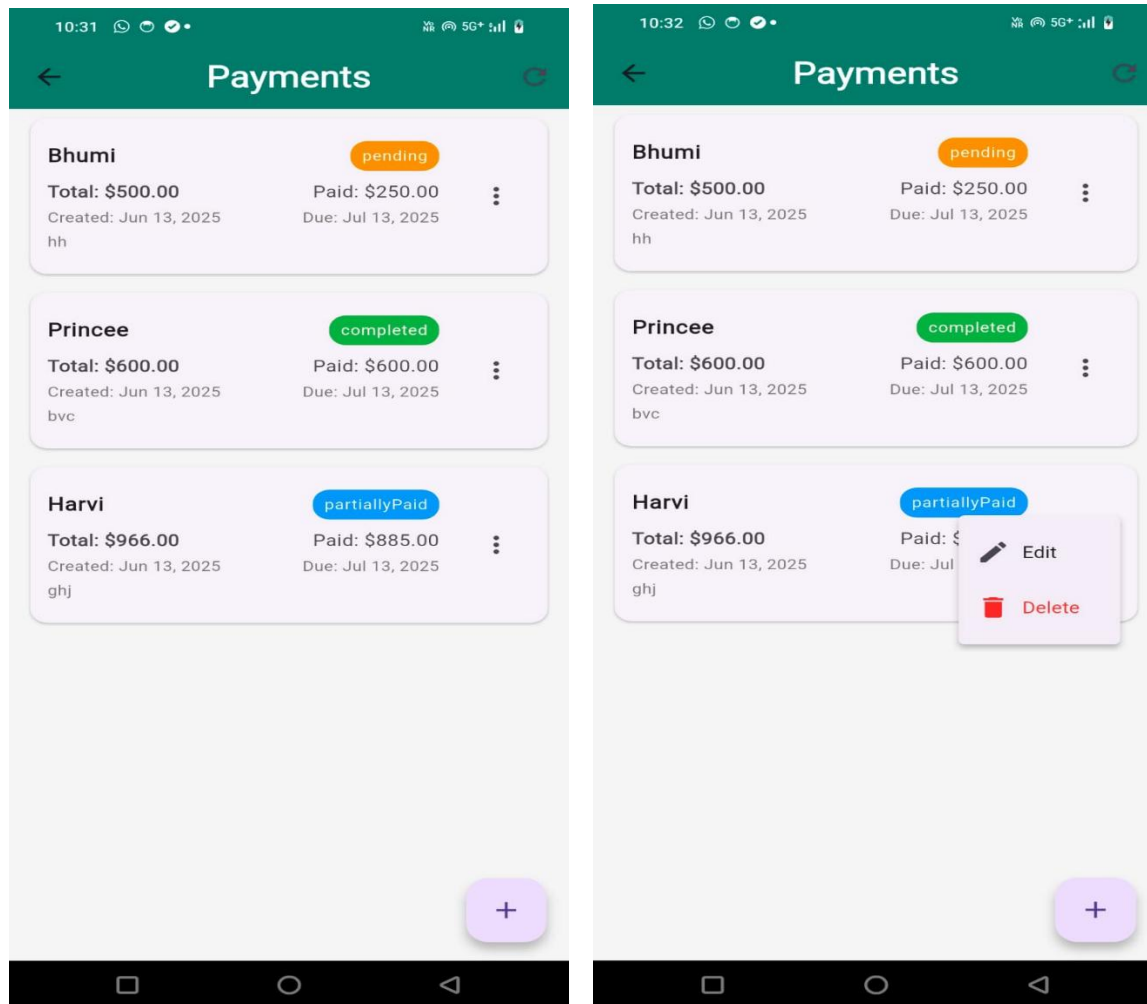


Figure 3: This image displays a user interface for adding a payment in the "Cash In-Out" app.

13-06-2025 Friday

- Enabled edit functionality on existing payment entries.
- Populated form with existing values in AddEditPaymentPage for editing.
- Updated backend API for payment update logic.

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The screenshot shows a mobile application interface for editing a payment. The title bar is green with a back arrow and the text 'Edit Payment'. The status bar at the top shows the time 10:32, signal strength, and battery level. The form contains the following fields:

- Client: Bhumi (dropdown menu)
- Total Amount: 500.0
- Paid Amount: 250.0
- Created Date: 2025-06-13 (calendar icon)
- Due Date: 2025-07-13 (calendar icon)
- Description: abc (text input)
- Status: pending (dropdown menu)

A green 'Save' button is located at the bottom of the form.

Figure 4: This image displays a user interface for editing a payment in the "Cash In-Out" app.

Plans for next week:

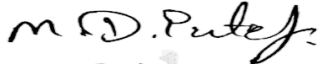
1. Display report in tabular format with total paid, remaining, and due dates. Add button to export payment report as PDF using pdf and Excel.

References:

1. SQL: <https://www.w3schools.com/sql/>
2. PHP: https://www.w3schools.com/php/php_switch.asp
3. Pub.dev: <https://pub.dev/packages/intl>
4. Youtube: <https://youtu.be/UIpTwzJ-TTU?si=v6Y18q9RydlWUxK>

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Name & Signature

A handwritten signature in black ink, appearing to read 'M.D. Patel', with a small grey smudge below it.

Masum Patel
External Guide

Dr. Pritesh Prajapati
Internal Guide