



CMPS 350 Project Phase 2 – UI Design Implementation (10% of the course grade)

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Grading Rubric - In the Functionality column please specify either: *Working (completed x%), Not Working (completed x%)* or *Not done*.

Criteria	%	Functionality*	Quality of the implementation	Your Grade
1) Design and implementation of the database schema to manage the data in a MongoDB database (including a schema diagram in the project report).	10%	Working (completed 100%)		
2) Populate the database with the data from the json files.	5%	Working (completed 100%)		
3) Implementation: - Repository Implementation to read/write data from/to MongoDB (30%) - Web API implementation (25%) - Change Web UI to use the Web API (20%)	75%	Working (completed 100%)		
U1 – Login	5	Working (completed 100%)		
U2 - YalaPay Dashboard	10	Working (completed 100%)		
U3 - List/Search/Add/ Update and Delete a Customer: 1. List Customers (5 pts) 2. Search Customers (5 pts) 3. Add Customer (5 pts) 4. Update Customer (5 pts) 5. Delete Customer (5 pts)	25	Working (completed 100%)		
U4 - List/Search/Add/ Update and Delete an Invoice 1. List Invoices (5 pts) 2. Search Invoices (5 pts)	25	Working (completed 100%)		

3. Add Invoice (5 pts) 4. Update Invoice (5 pts) 5. Delete Invoice (5 pts)				
U5 - List/Search/Add/ Update and Delete payments for an invoice 1. List Payments (5 pts) 2. Search Payments (5 pts) 3. Add Payment (5 pts) 4. Update Payment (5 pts) 5. Delete Payment (5 pts)	25	Working (completed 100%)		
U6 - Manage Cashing Cheques 1. Add Cheques Deposit (10 pts) 2. List Cheque Deposits (5 pts) 3. Update Cheques Deposit (15 pts)	30	Working (completed 100%)		
U7 - Invoices Report	10	Working (completed 100%)		
U8 - Cheques Report	10	Working (completed 100%)		
4) Design and Testing Documentation * Design documentation: - Web API services diagram - Database schema diagram * Testing documentation: with evidence of working implementation using snapshots illustrating the results of your solution testing. * Discussion of the project contribution of each team member [-10pts if not done]	10%	Working (completed 100%)		
Total	100			
Copying and/or plagiarism or not being able to explain or answer questions about the implementation	- 100			

* **Possible grading for functionality** - **Working** (get 70% of the assigned grade), **Not working** (lose 40% of assigned grade and **Not done** (get 0). The remaining grade is assigned to the quality of the implementation.

In case your implementation is not working then 40% of the grade will be lost and the remaining 60% will be determined based on of the code quality and how close your solution to the working implementation.

Solution quality also includes meaningful naming of identifiers (according to Android naming conventions), no redundant code, simple and efficient design, clean implementation without unnecessary files/code, use of comments where necessary, proper code formatting and indentation.

Marks will be reduced for code duplication, poor/inefficient coding practices, poor naming of identifiers, unclean/untidy submission, and **unnecessary complex/poor user interface design**.

1. Application Design

- Web API services diagram

Deposits

HTTP VERB	URL	FUNCTIONALITY
POST	/api/deposits/	adds new deposit
GET	/api/deposits/	gets the matching deposit or all deposits
PUT	/api/deposits/	Updates matching deposit
DELETE	/api/deposits/	Deletes all deposits
GET	/api/deposits/date/:date	Returns the matching deposits by deposit date
DELETE	/api/deposits/:depositId	deletes the matching deposit
GET	/api/deposits/status/:status	Returns the matching deposit by status

Invoices

HTTP VERB	URL	FUNCTIONALITY
POST	/api/invoices/	adds new invoice
GET	/api/invoices/	gets the matching invoice or all invoices
PUT	/api/invoices/	Updates matching invoice
GET	/api/invoices/customer/:customerId	Returns the matching invoice holding the customer Id
DELETE	/api/invoices/:invoiceId	deletes the matching invoice
GET	/api/invoices/amount/:amount	Returns the matching invoices by amount
GET	/api/invoices/report	Returns the invoice report
GET	/api/invoices/totalAmount	Returns the total amount of all invoices
GET	/api/invoices/dueDates/:condition	Returns the total amount of all invoices based on their due dates

HTTP VERB	URL	FUNCTIONALITY
GET	/api/banks	Returns the bank names
GET	/api/accounts	Return the matching account if id passed, else all accounts if no id passed
GET	api/cheques	Return the matching cheque if id passed, else all cheques if no id passed
POST	api/cheques	Add cheque
PUT	api/cheques	Update cheque
DELETE	api/cheques/:chequeId	Delete cheque by id
GET	api/cheques/awaitingCheques	Return awaiting cheques
GET	api/cheques/payments/:paymentId	Return cheque by payment id
DELETE	api/cheques/payments/:paymentId	Delete cheque by payment id
GET	api/cheques/status/:status	Return total amount of the cheque values which have a specific status
GET	/api/customers	Return matching customer if id passed, else all customers
POST	/api/customers	Add a customer
PUT	/api/customers	Update a customer
DELETE	/api/customers	Delete All customers
DELETE	/api/customers/:customerId	Delete customer with passed Id
GET	/api/customers/companyName/:companyName	Return customer by company name
GET	/api/customers/city/:city	Return customer(s) by city
GET	/api/customers/last/:limit	Return the number of recent customers specified by limit

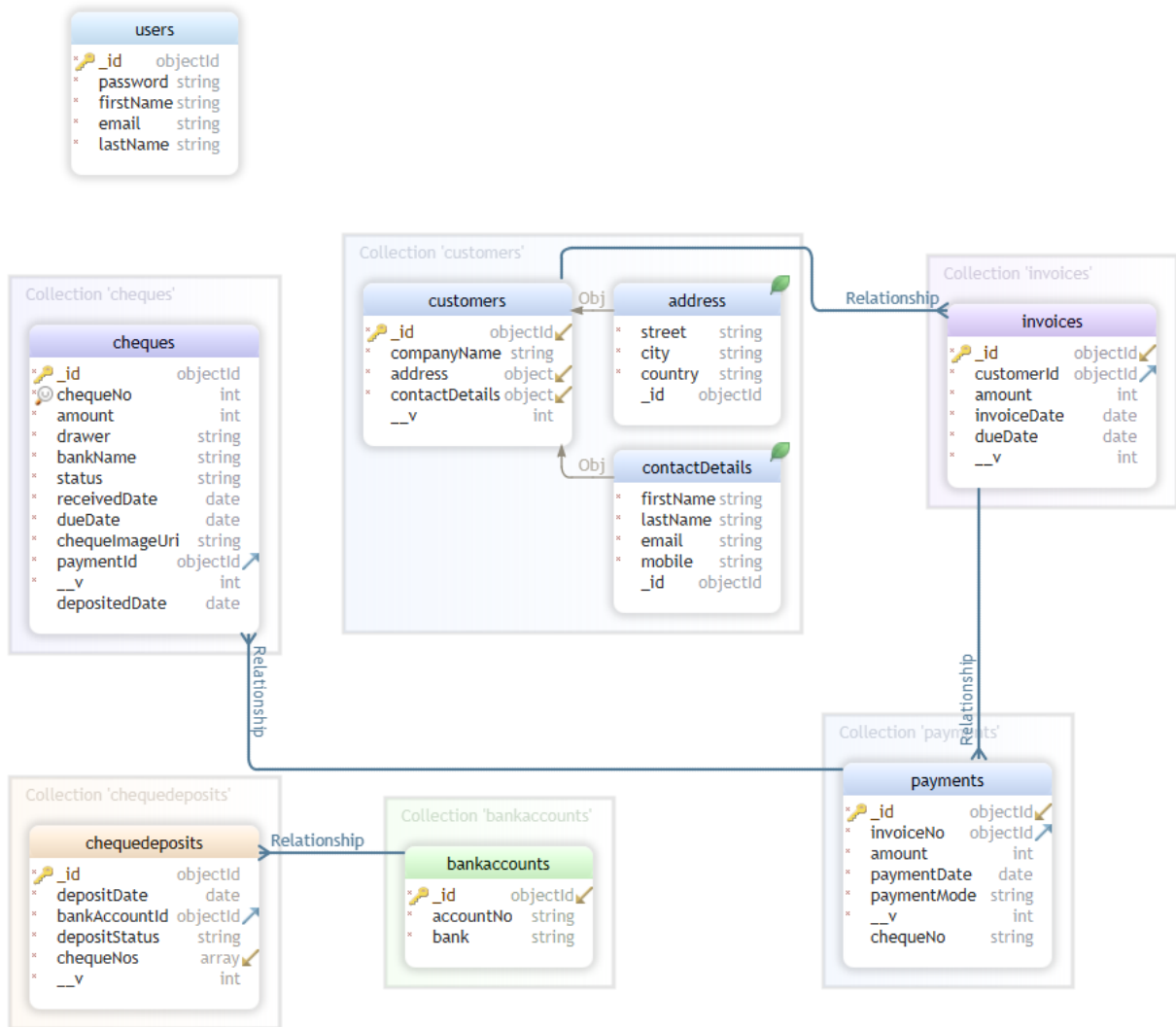
Payments

HTTP VERB	URL	FUNCTIONALITY
POST	<u>/api/payments/</u>	adds new payment
GET	<u>/api/payments/</u>	gets the matching payment or all payment
PUT	<u>/api/payments/</u>	Updates matching payment
GET	<u>/api/payments/invoices/</u> <u>:invoiceNo</u>	Returns all the payments that have the matching invoice Id
DELETE	<u>/api/payments/</u> <u>:paymentId</u>	deletes the matching payment
PUT	<u>/api/payments/date/</u> <u>:date</u>	Returns the matching payments by date
GET	<u>/api/payments/amount/</u> <u>:amount</u>	Returns the matching payments by amount
GET	<u>/api/payments/mode/</u> <u>:mode</u>	Returns the matching payments by their payment mode
GET	<u>/api/payments/last/</u> <u>:limit</u>	Returns the number of recent payments specified by the limit

Users

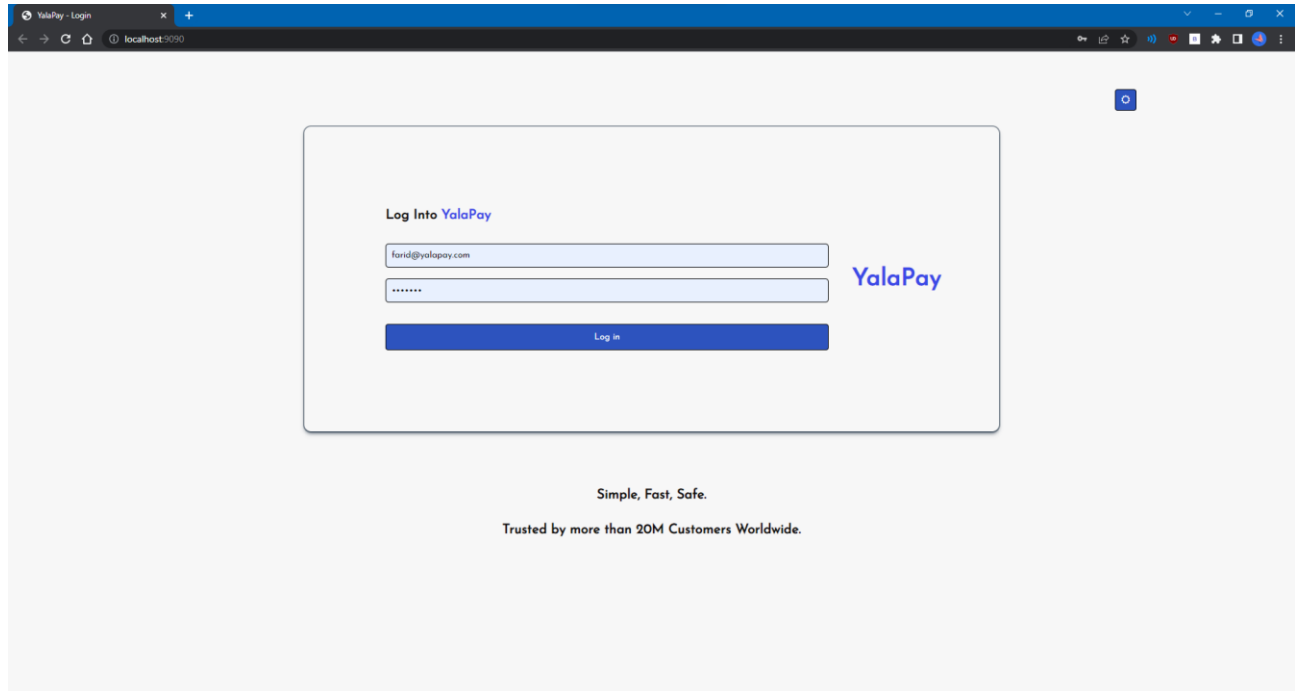
HTTP VERB	URL	FUNCTIONALITY
GET	<u>/api/users/</u>	Returns all the users
GET	<u>/api/users/email/</u> <u>:email</u>	Returns the matching user by email

- Database schema diagram



2. Testing

- U1 – Login



YalaPay - Login

localhost:3090

Log Into YalaPay

forid@yolapay.com

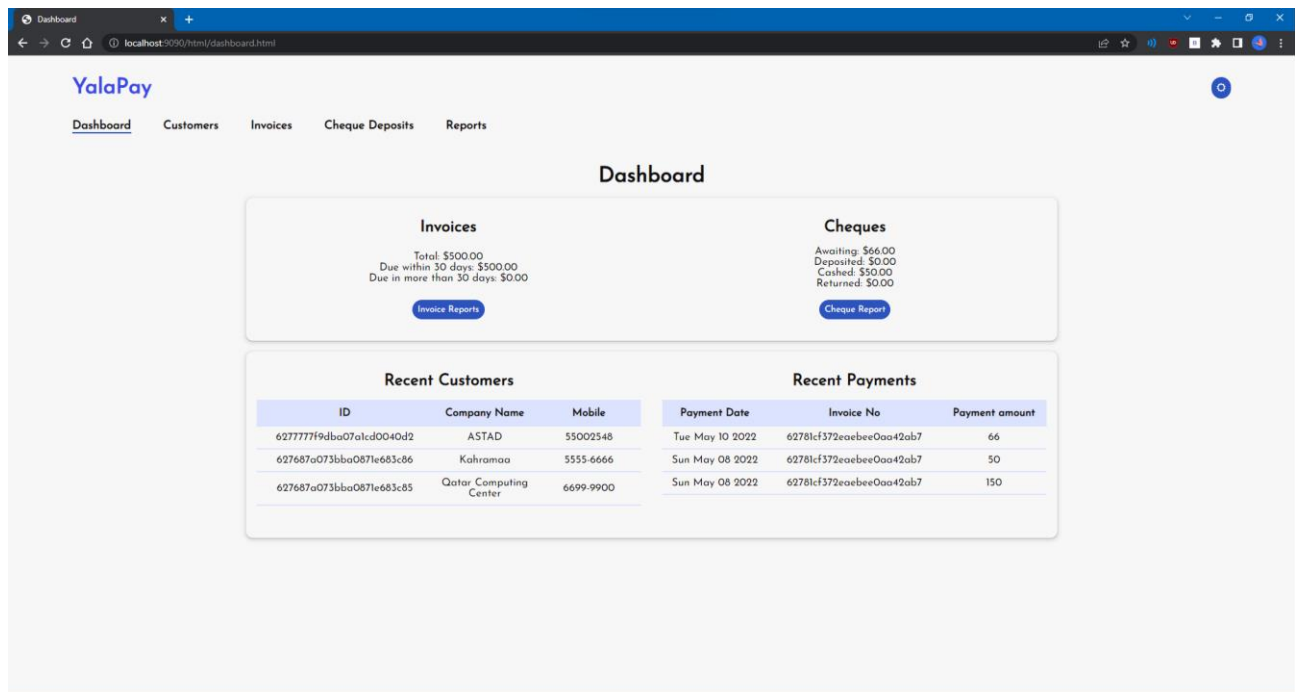
Log in

YalaPay

Simple, Fast, Safe.

Trusted by more than 20M Customers Worldwide.

- U2 - YalaPay Dashboard



YalaPay

Dashboard Customers Invoices Cheque Deposits Reports

Dashboard

Invoices

Total: \$500.00
Due within 30 days: \$500.00
Due in more than 30 days: \$0.00

Invoice Reports

Cheques

Awaiting: \$66.00
Deposited: \$0.00
Cashed: \$50.00
Returned: \$0.00

Cheque Report

Recent Customers

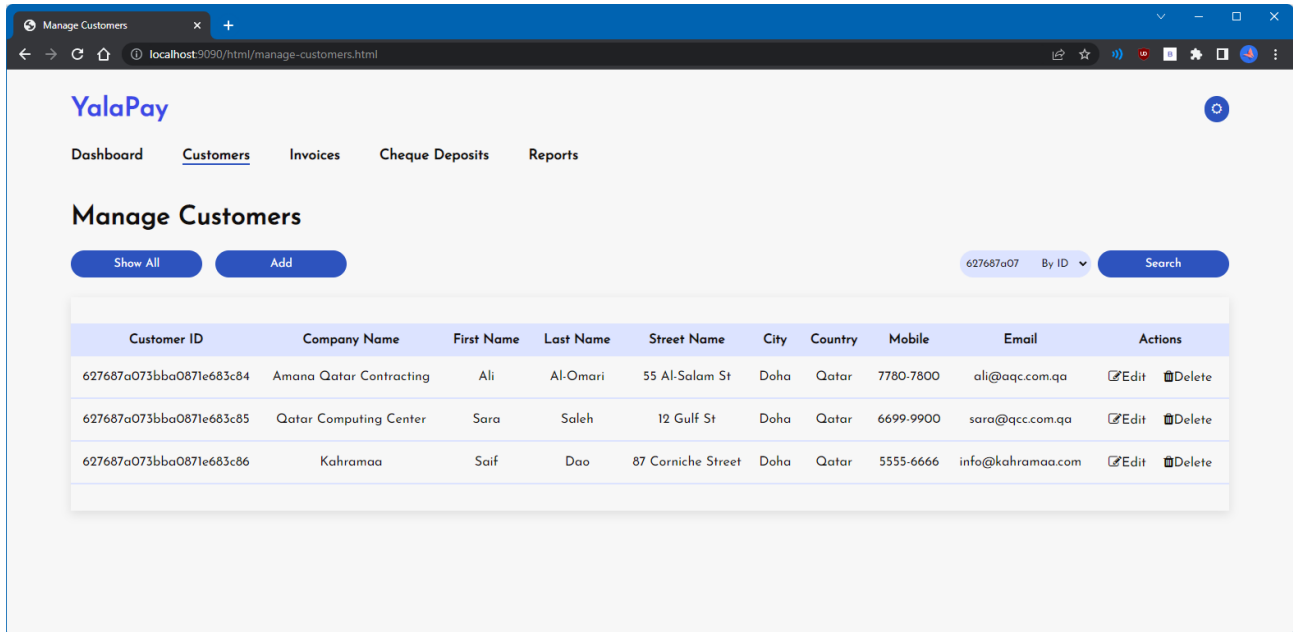
ID	Company Name	Mobile
6277777f9d8a07alc0040d2	ASTAD	55002548
627687a073bba0871e683c86	Kahramaa	5555-6666
627687a073bba0871e683c85	Qatar Computing Center	6699-9900

Recent Payments

Payment Date	Invoice No	Payment amount
Tue May 10 2022	62781cf372eaebee0aa42ab7	66
Sun May 08 2022	62781cf372eaebee0aa42ab7	50
Sun May 08 2022	62781cf372eaebee0aa42ab7	150

- U3 - List/Search/Add/ Update and Delete a Customer

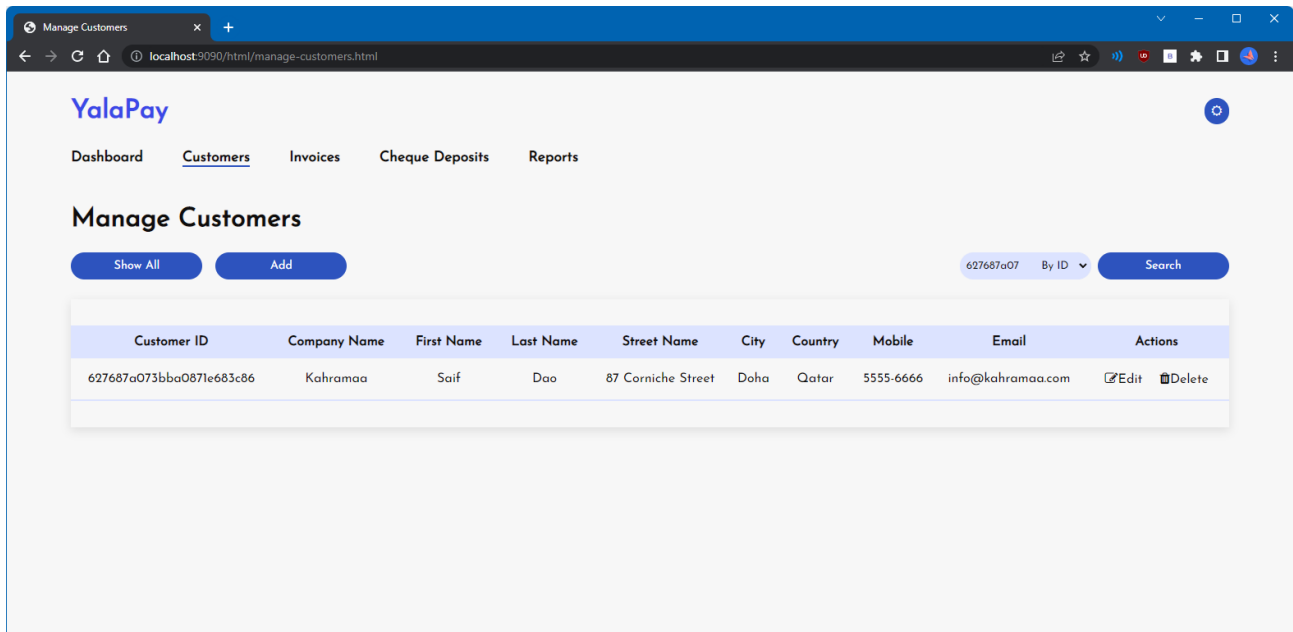
2..1. List Customers



The screenshot shows the 'Manage Customers' page in the YalaPay application. The page has a navigation bar with 'Dashboard', 'Customers' (active), 'Invoices', 'Cheque Deposits', and 'Reports'. Below the navigation bar, there are buttons for 'Show All' and 'Add'. A search bar is present with a dropdown menu set to 'By ID' and a 'Search' button. The main content area displays a table with three customer records. Each record includes fields for Customer ID, Company Name, First Name, Last Name, Street Name, City, Country, Mobile, Email, and Actions (Edit and Delete).

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c84	Amana Qatar Contracting	Ali	Al-Omari	55 Al-Salam St	Doha	Qatar	7780-7800	ali@aqc.com.qa	Edit Delete
627687a073bba0871e683c85	Qatar Computing Center	Sara	Saleh	12 Gulf St	Doha	Qatar	6699-9900	sara@qcc.com.qa	Edit Delete
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete

2..2. Search Customers



The screenshot shows the 'Manage Customers' page in the YalaPay application, similar to the previous one, but with a search filter applied. The search bar now contains the text '627687a07'. The table below the search bar now only displays one customer record, which matches the search criteria.

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete

2..3. Add Customer

The screenshot shows a web browser window with the title 'Manage Customers' and the URL 'localhost:9090/html/manage-customers.html'. The page has a navigation bar with 'Show All' and 'Add' buttons. Below the navigation bar, there is a form titled 'Add Customer'. The form contains the following fields:

- Company Name: QP
- First Name: Jafer
- Last Name: Haani
- Mobile: 33836969
- Email: jaf@gmail.com
- Street: HMC Hospital
- City: Doha
- Country: Qatar

A 'Submit' button is located at the bottom of the form.

The screenshot shows the 'YalaPay' dashboard with the 'Customers' tab selected. The dashboard has a navigation bar with 'Dashboard', 'Customers', 'Invoices', 'Cheque Deposits', and 'Reports'. Below the navigation bar, there is a section titled 'Manage Customers' with 'Show All' and 'Add' buttons. Below this section, there is a table with the following data:

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c84	Amana Qatar Contracting	Ali	Al-Omari	55 Al-Salam St	Doha	Qatar	7780-7800	ali@aqc.com.qa	Edit Delete
627687a073bba0871e683c85	Qatar Computing Center	Sara	Saleh	12 Gulf St	Doha	Qatar	6699-9900	sara@qcc.com.qa	Edit Delete
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete
62800e1b402694281043c8eb	QP	Jafer	Haani	HMC Hospital	Doha	Qatar	33836969	jaf@gmail.com	Edit Delete

2..4. Update Customer

Manage Customers

localhost:9090/html/manage-customers.html

YalaPay

DashboardCustomersInvoicesCheque DepositsReports

Manage Customers

Show AllAdd

By IDSearch

Update Customer

Company Name

Qatar Energy

First Name

Jafer

Last Name

Haani

Mobile

33836969

Email

jaf@gmail.com

Street

HMC Hospital

City

Doha

Country

Qatar

Submit Update

Manage Customers

localhost:9090/html/manage-customers.html

YalaPay

DashboardCustomersInvoicesCheque DepositsReports

Manage Customers

Show AllAdd

By IDSearch

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c84	Amana Qatar Contracting	Ali	Al-Omari	55 Al-Salam St	Doha	Qatar	7780-7800	ali@aqc.com.qa	Edit Delete
627687a073bba0871e683c85	Qatar Computing Center	Sara	Saleh	12 Gulf St	Doha	Qatar	6699-9900	sara@qcc.com.qa	Edit Delete
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete
62800e1b402694281043c8eb	Qatar Energy	Jafer	Haani	HMC Hospital	Doha	Qatar	33836969	jaf@gmail.com	Edit Delete

2..5. Delete Customer

The screenshot shows the 'Manage Customers' page in the YalaPay application. A confirmation dialog is open, asking 'Are you sure you would like to delete customer 62800e1b402694281043c8eb?'. The dialog has 'OK' and 'Cancel' buttons. The background page shows a table of customers with columns: Customer ID, Company Name, First Name, Last Name, Street Name, City, Country, Mobile, Email, and Actions. The 'Delete' button for the customer with ID 62800e1b402694281043c8eb is highlighted in green.

YalaPay

Dashboard Customers Invoices Cheque Deposits

Manage Customers

Show All Add By ID Search

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c84	Amana Qatar Contracting	Ali	Al-Omari	55 Al-Salam St	Doha	Qatar	7780-7800	ali@aqc.com.qa	Edit Delete
627687a073bba0871e683c85	Qatar Computing Center	Sara	Saleh	12 Gulf St	Doha	Qatar	6699-9900	sara@qcc.com.qa	Edit Delete
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete
62800e1b402694281043c8eb	Qatar Energy	Jafer	Haani	HMC Hospital	Doha	Qatar	33836969	jaf@gmail.com	Edit Delete

The screenshot shows the 'Manage Customers' page in the YalaPay application after deleting a customer. The table now only contains three customers. The 'Delete' button for the customer with ID 627687a073bba0871e683c86 is highlighted in green.

YalaPay

Dashboard Customers Invoices Cheque Deposits Reports

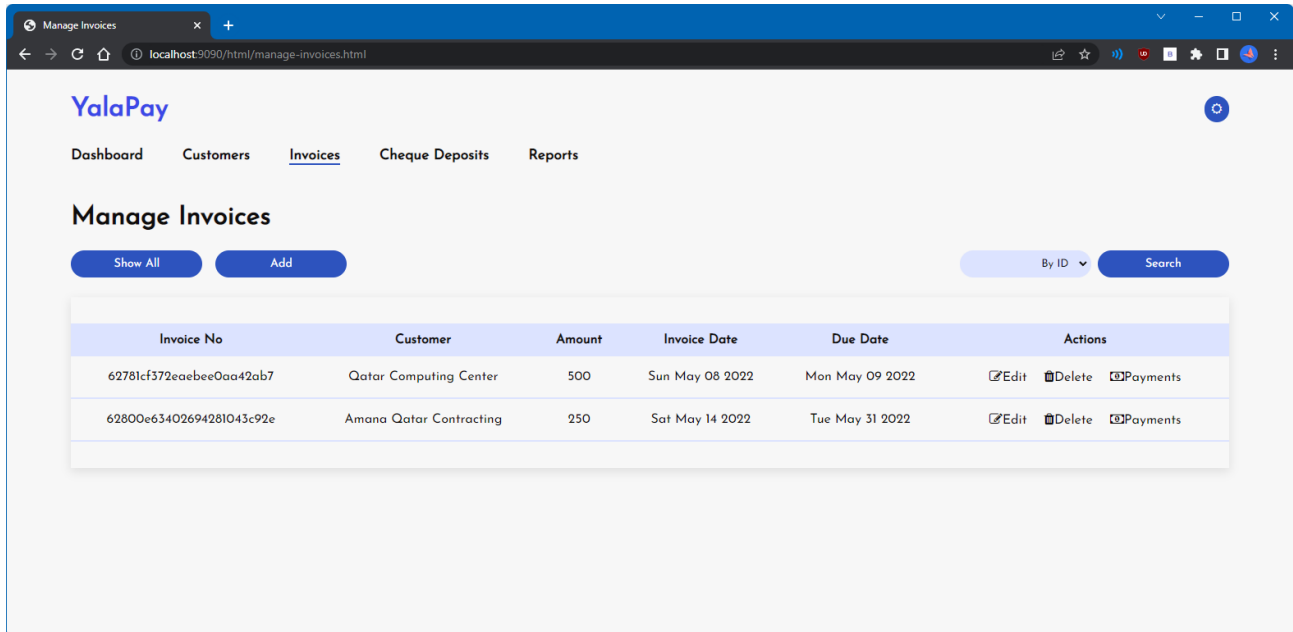
Manage Customers

Show All Add By ID Search

Customer ID	Company Name	First Name	Last Name	Street Name	City	Country	Mobile	Email	Actions
627687a073bba0871e683c84	Amana Qatar Contracting	Ali	Al-Omari	55 Al-Salam St	Doha	Qatar	7780-7800	ali@aqc.com.qa	Edit Delete
627687a073bba0871e683c85	Qatar Computing Center	Sara	Saleh	12 Gulf St	Doha	Qatar	6699-9900	sara@qcc.com.qa	Edit Delete
627687a073bba0871e683c86	Kahramaa	Saif	Dao	87 Corniche Street	Doha	Qatar	5555-6666	info@kahramaa.com	Edit Delete

- U4 - List/Search/Add/ Update and Delete an Invoice

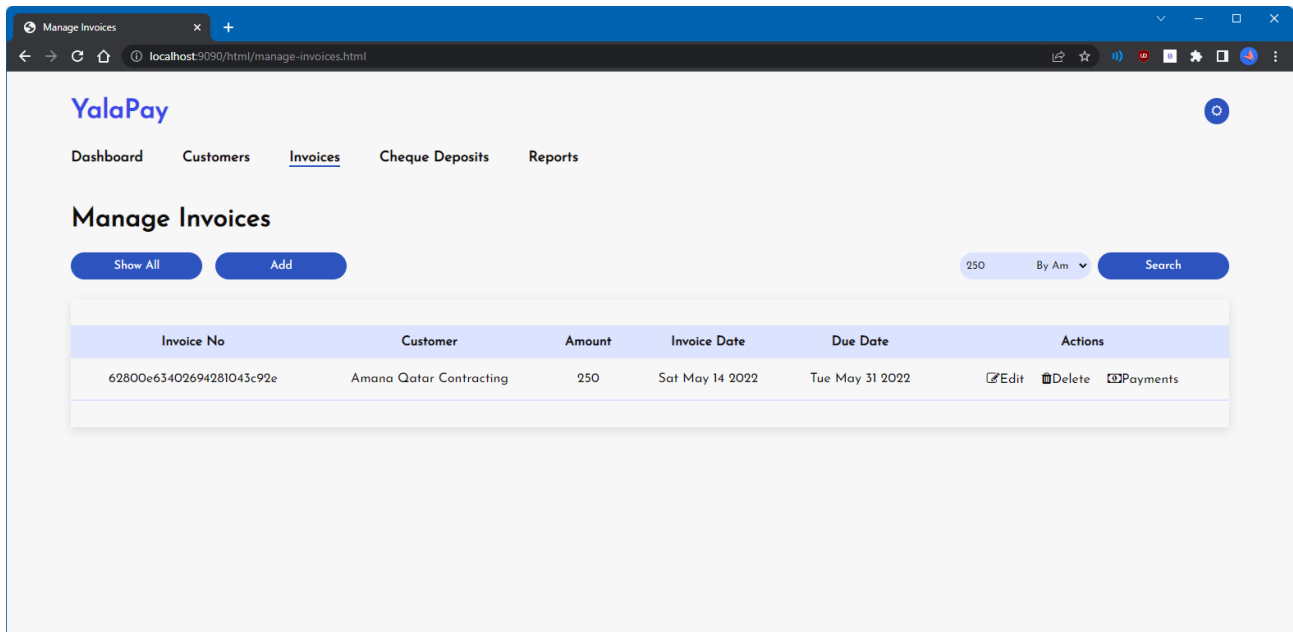
2..1. List Invoices



The screenshot shows the YalaPay web application interface. The top navigation bar includes links for Dashboard, Customers, Invoices (selected), Cheque Deposits, and Reports. The main heading is "Manage Invoices". Below this, there are buttons for "Show All" and "Add". A search bar is present with a dropdown menu set to "By ID" and a "Search" button. The table below displays two invoices:

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62781cf372eaebee0aa42ab7	Qatar Computing Center	500	Sun May 08 2022	Mon May 09 2022	Edit Delete Payments
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments

2..2. Search Invoices



The screenshot shows the YalaPay web application interface with a search filter applied. The search bar now contains the value "250" and the dropdown menu is set to "By Am". The table below displays only one invoice, which matches the search criteria:

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments

2..3. Add Invoice

The top screenshot shows the 'Add Invoice' form in the YalaPay application. The form includes the following fields:

- Amount: 700
- Customer: Qatar Computing Center (627687a073bba0871e683c85)
- Invoice Date: 24/05/2022
- Due Date: 02/06/2022

The bottom screenshot shows the 'Manage Invoices' table with the following data:

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62781cf372eaebee0aa42ab7	Qatar Computing Center	500	Sun May 08 2022	Mon May 09 2022	Edit Delete Payments
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments
62800e85402694281043c941	Qatar Computing Center	700	Tue May 24 2022	Thu Jun 02 2022	Edit Delete Payments

2..4. Update Invoice

The screenshot displays the YalaPay web application interface for managing invoices. The top navigation bar includes links for Dashboard, Customers, Invoices (active), Cheque Deposits, and Reports. The main heading is 'Manage Invoices'. Below this, there are buttons for 'Show All' and 'Add', and a filter section showing '250' items, 'By Am', and a 'Search' button.

The 'Update Invoice' form is shown with the following fields:

- Amount: 750
- Customer: Amana Qatar Contracting (627687a073bba0871e683c84)
- Invoice Date: 24/05/2022
- Due Date: 02/06/2022

A 'Submit' button is located at the bottom of the form.

Below the form, a table displays the list of invoices:

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62781cf372eaebee0aa42ab7	Qatar Computing Center	500	Sun May 08 2022	Mon May 09 2022	Edit Delete Payments
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments
62800e85402694281043c941	Amana Qatar Contracting	750	Tue May 24 2022	Thu Jun 02 2022	Edit Delete Payments

2..5. Delete Invoice

The screenshot shows the 'Manage Invoices' page in a web browser. A confirmation dialog box is displayed in the center, asking 'Are you sure you would like to delete invoice 62800e85402694281043c941?'. The dialog has 'OK' and 'Cancel' buttons. The background page shows the YalaPay logo, navigation tabs (Dashboard, Customers, Invoices, Cheque Deposits), and a table of invoices. The 'Invoices' tab is active. The table has columns: Invoice No, Customer, Amount, Invoice Date, Due Date, and Actions. The third row is highlighted, showing an invoice for 'Amana Qatar Contracting' with an amount of 750, due on 'Thu Jun 02 2022'. The 'Delete' button in the Actions column is highlighted in green.

YalaPay

Dashboard Customers Invoices Cheque Deposits

Manage Invoices

Show All Add 250 By Am Search

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62781cf372eaebee0aa42ab7	Qatar Computing Center	500	Sun May 08 2022	Mon May 09 2022	Edit Delete Payments
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments
62800e85402694281043c941	Amana Qatar Contracting	750	Tue May 24 2022	Thu Jun 02 2022	Edit Delete Payments

The screenshot shows the 'Manage Invoices' page after the deletion of the invoice with ID 62800e85402694281043c941. The table now only contains two rows. The 'Invoices' tab is still active, and the 'Delete' button in the Actions column for the first row is highlighted in green.

YalaPay

Dashboard Customers Invoices Cheque Deposits Reports

Manage Invoices

Show All Add 250 By Am Search

Invoice No	Customer	Amount	Invoice Date	Due Date	Actions
62781cf372eaebee0aa42ab7	Qatar Computing Center	500	Sun May 08 2022	Mon May 09 2022	Edit Delete Payments
62800e63402694281043c92e	Amana Qatar Contracting	250	Sat May 14 2022	Tue May 31 2022	Edit Delete Payments

- U5 - List/Search/Add/ Update and Delete payments for an invoice

2..1. List Payments

The screenshot shows the 'Manage Payments' page in the YalaPay application. The page has a navigation bar with 'Dashboard', 'Customers', 'Invoices' (selected), 'Cheque Deposits', and 'Reports'. Below the navigation bar, there's a 'Manage Payments' section with 'Show All' and 'Add' buttons. A search bar with 'By ID' and a 'Search' button is also present. The main content area displays a table of payments for the selected invoice.

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete
62800edf402694281043c977	50	Sat May 14 2022	Credit card	none	Edit Delete

2..2. Search Payments

This screenshot shows the same 'Manage Payments' page, but with the search filter applied. The search bar now contains the payment ID '62800ed6402694281043c974'. The table below now only displays the payment corresponding to this ID.

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete

2..3. Add Payment

Manage Invoices

localhost:9090/html/manage-payments.html?invoiceNo=62781cf372eaebee0aa42ab7

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

Manage Payments

Show All

Add

By ID

Search

Invoice# 62781cf372eaebee0aa42ab7

Payment ID

Payment Mode

Bank transfer

Amount

55

Payment Date

14/05/2022

Submit

Manage Invoices

localhost:9090/html/manage-payments.html?invoiceNo=62781cf372eaebee0aa42ab7

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

Manage Payments

Show All

Add

By ID

Search

Invoice# 62781cf372eaebee0aa42ab7

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete
62800edf402694281043c977	50	Sat May 14 2022	Credit card	none	Edit Delete
62800ef4402694281043c97a	55	Sat May 14 2022	Bank transfer	none	Edit Delete

2..4. Update Payment

Manage Invoices

localhost:9090/html/manage-payments.html?invoiceNo=62781cf372eaebee0aa42ab7

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

Manage Payments

Show All

Add

By ID

Search

Invoice# 62781cf372eaebee0aa42ab7

Payment ID

62800ef4402694281043c97a

Payment Mode

Bank transfer

Amount

65

Payment Date

14/05/2022

Submit

Manage Invoices

localhost:9090/html/manage-payments.html?invoiceNo=62781cf372eaebee0aa42ab7

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

Manage Payments

Show All

Add

By ID

Search

Invoice# 62781cf372eaebee0aa42ab7

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete
62800edf402694281043c977	50	Sat May 14 2022	Credit card	none	Edit Delete
62800ef4402694281043c97a	65	Sat May 14 2022	Bank transfer	none	Edit Delete

2..5. Delete Payment

The screenshot shows the YalaPay 'Manage Payments' page. A confirmation dialog is displayed over the table, asking: 'localhost:9090 says Are you sure you would like to delete payment 62800ef4402694281043c97a?'. The dialog has 'OK' and 'Cancel' buttons. The table below shows three payments, with the 'Delete' button for the third payment (ID: 62800ef4402694281043c97a) highlighted in green.

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete
62800edf402694281043c977	50	Sat May 14 2022	Credit card	none	Edit Delete
62800ef4402694281043c97a	65	Sat May 14 2022	Bank transfer	none	Edit Delete

The second screenshot shows the same 'Manage Payments' page after the deletion. The payment with ID 62800ef4402694281043c97a has been removed from the table. The 'Delete' button in the first row is now disabled.

Payment ID	Amount	Payment Date	Payment Mode	Cheque No	Actions
62800ed6402694281043c974	100	Sat May 14 2022	Bank transfer	none	Edit Delete
62800edf402694281043c977	50	Sat May 14 2022	Credit card	none	Edit Delete

- U6 - Manage Cashing Cheques

2..1. Add Cheques Deposit

Manage Cheque Deposits

YalaPay

DashboardCustomersInvoicesCheque DepositsReports

Manage Cheque Deposits

Show AllAdd

By IDSearch

Add Cheque Deposit

Bank Account:

123-234-345 Masraf Al Rayan

Deposit Date:

14/05/2022

Submit

Cheque No	Amount	Status	Due Date	Included
5427458	66	Awaiting	Tue May 24 2022 (9)	<input checked="" type="checkbox"/>

Manage Cheque Deposits

YalaPay

DashboardCustomersInvoicesCheque DepositsReports

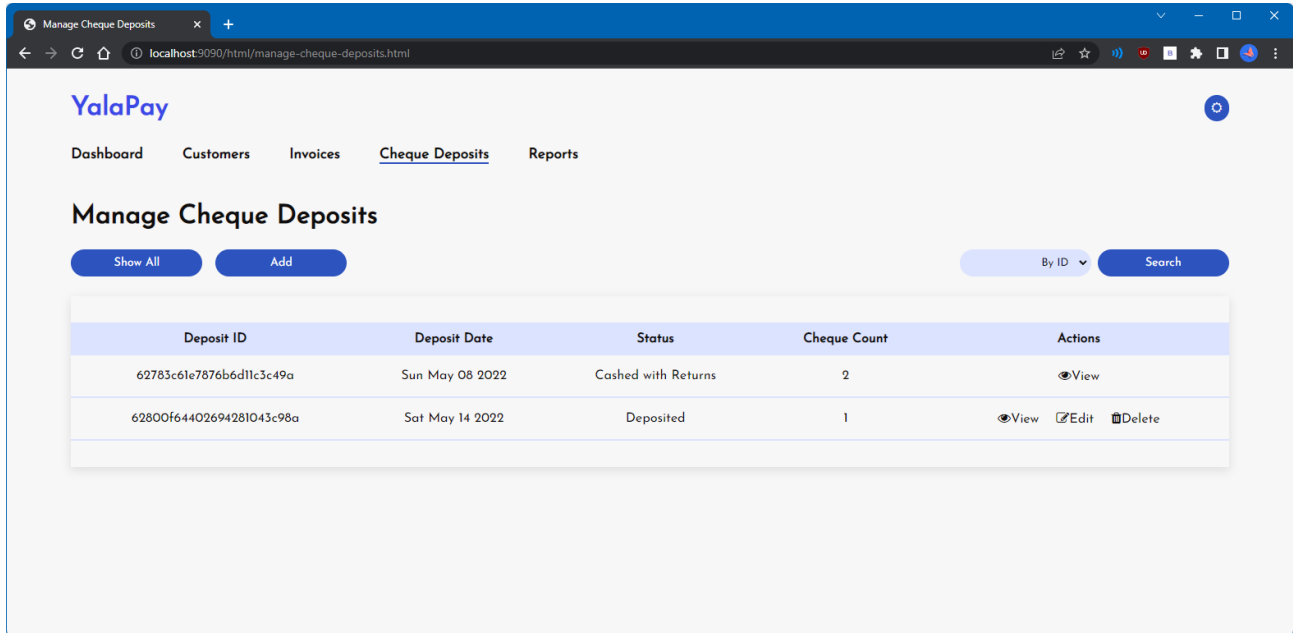
Manage Cheque Deposits

Show AllAdd

By IDSearch

Deposit ID	Deposit Date	Status	Cheque Count	Actions
62783c61e7876b6d11c3c49a	Sun May 08 2022	Cashed with Returns	2	View
62800f64402694281043c98a	Sat May 14 2022	Deposited	1	View Edit Delete

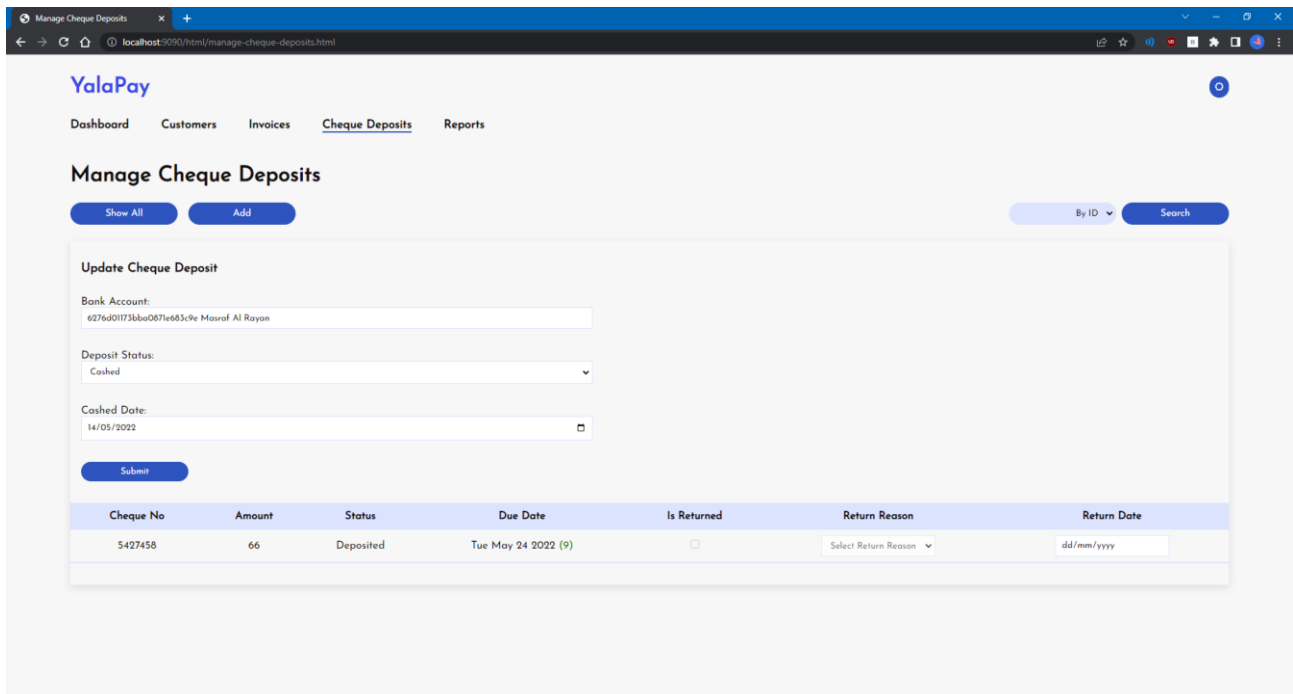
2..2. List Cheque Deposits



The screenshot shows the 'Manage Cheque Deposits' page in the YalaPay application. The page has a navigation bar with links to Dashboard, Customers, Invoices, Cheque Deposits (active), and Reports. Below the navigation bar, the title 'Manage Cheque Deposits' is displayed. There are two buttons: 'Show All' and 'Add'. A search bar with a dropdown menu set to 'By ID' and a 'Search' button is also present. The main content area contains a table with the following data:

Deposit ID	Deposit Date	Status	Cheque Count	Actions
62783c61e7876b6d11c3c49a	Sun May 08 2022	Cashed with Returns	2	View
62800f64402694281043c98a	Sat May 14 2022	Deposited	1	View Edit Delete

2..3. Update Cheques Deposit



The screenshot shows the 'Update Cheque Deposit' form in the YalaPay application. The page has the same navigation bar as the previous screenshot. Below the navigation bar, the title 'Manage Cheque Deposits' is displayed. There are two buttons: 'Show All' and 'Add'. A search bar with a dropdown menu set to 'By ID' and a 'Search' button is also present. The main content area contains a form with the following fields:

- Bank Account:
- Deposit Status:
- Cashed Date:

Below the form is a 'Submit' button. Below the submit button is a table with the following data:

Cheque No	Amount	Status	Due Date	Is Returned	Return Reason	Return Date
5427458	66	Deposited	Tue May 24 2022 (9)	<input type="checkbox"/>	<input type="text" value="Select Return Reason"/>	<input type="text" value="dd/mm/yyyy"/>

Manage Cheque Deposits

localhost:9090/html/manage-cheque-deposits.html

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

Manage Cheque Deposits

Show All

Add

By ID

Search

Deposit ID	Deposit Date	Status	Cheque Count	Actions
62783c61e7876b6d11c3c49a	Sun May 08 2022	Cashed with Returns	2	View
62800f64402694281043c98a	Sat May 14 2022	Cashed	1	View

• U7 - Invoices Report

View Reports

localhost:9090/html/reports.html

YalaPay

Dashboard

Customers

Invoices

Cheque Deposits

Reports

View Reports

☒ Invoice Report
 ☐ Cheque Report

From:

dd/mm/yyyy

To:

dd/mm/yyyy

Status:

All

View Invoice Report

Invoice No	Status	Invoice Date	Due Date	Customer	Amount	Balance
62781cf372eaebee0aa42ab7	Partially Paid	Sun May 08 2022	Mon May 09 2022	Qatar Computing Center	500	295
62800e63402694281043c92e	Pending	Sat May 14 2022	Tue May 31 2022	Amana Qatar Contracting	250	250

Invoice Count: 2

Total: 750

- **U8 - Cheques Report**

YalaPay

Dashboard Customers Invoices Cheque Deposits Reports

View Reports

☐ Invoice Report ☒ Cheque Report

From: To: Status:

[View Cheque Report](#)

Cheque No	Drawer	Bank Name	Amount	Due Date	Status
5027324	test 2	Masraf Al Rayan	150	Mon May 09 2022	Returned - Requires drawer's signature
756762575	Test 3	HSBC Bank Middle East	50	Thu May 12 2022	Cashed
5427458	dsfsgd	Masraf Al Rayan	66	Tue May 24 2022	Cashed

Cheque Count: 3
Total: 266

3. Summary of team member contributions

- **Ahmed Abdelhamid**
Update relevant areas of code to use MongoDB database for Login, Dashboard, Manage Payment
- **Hani Jafer**
Update relevant areas of code to use MongoDB database for Manage Invoice, Cheques-Deposits (update), Reports
- **Syed Zubair**
Update relevant areas of code to use MongoDB database for Manage Customers, Cheques-Deposits