



Product Backlog

Mobile Sales Rep.

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Revision History

Version	Issue Date	Changes
1.0	10/01/2022	

Document Approval

Role	Name	Contact	Date
<i>Business Consultant</i>			20/01/2022

Executive Summary

The backlog document translates the system requirements into user stories:

- ✓ *Actor user stories*
- ✓ *System user stories*

Overview of the proposed process once the solution is implemented. It is used to determine what needs to be done and as a starting point for solution design.

Project Description

The Mobile application integrates with the ERP web application through 4 features:

- ✓ *Sales Invoice*
- ✓ *Invoices List*
- ✓ *Cash Voucher*
- ✓ *Vouchers List*

Cross Reference

- ✓ *High Level business requirement*
- ✓ *Analysis Document*

User Story Actor

#	Actor	Description
1	Sales rep.	The user who has permission to create sales invoice cash/credit and Access invoices list to search, add, update, delete, and print.
2	Debt. collector	The user who has permission to create cash voucher and access vouchers list to search, add, update, delete, and print.
3	System	Including system behaviors of responds, notifications, validations, and verifications in happy and negative scenarios.

User Story Priority

The user stories in this document are divided into the following categories:

Value	Rating	Description
1	Critical	This user story is critical to the success of the project. The project will not be possible without this user story.
2	High	This user story is a high priority, but the project can be implemented at a bare minimum without this user story.
3	Medium	This user story is somewhat important, as it provides some value but the project can proceed without it.
4	Low	This is a low-priority user story or a “nice to have” feature of time and cost allow it.
5	Future	This user story is out of scope for this project, and has been included here for a possible future release.

User Story

ID	Epic	Priority	Estimate
1.01	Download Mobile Application	1	
2.01	Update and notify users of new release	5	
2.02	Update and notify users of new release	5	
3.01	Login	1	
3.02	Login	1	
3.03	Login	1	
3.04	Login	1	
4.01	Reset Password	1	
4.02	Reset Password	1	
5.01	Home Page	1	
6.01	Sales Invoice	1	
6.02	Sales Invoice	1	
6.03	Sales Invoice	1	
6.04	Sales Invoice	1	
7.01	Invoices List	2	
7.02	Invoices List	2	
7.03	Invoices List	2	
7.04	Invoices List	2	
7.05	Invoices List	2	
7.06	Invoices List	4	
7.07	Invoices List	3	
8.01	Cash Voucher	1	
8.02	Cash Voucher	1	
8.03	Cash Voucher	1	
8.04	Cash Voucher	1	
9.01	Vouchers List	2	
9.02	Vouchers List	2	
9.03	Vouchers List	2	
9.04	Vouchers List	2	
9.05	Vouchers List	2	
9.06	Vouchers List	4	
9.07	Vouchers List	3	

1.01	Download Mobile Application
<ul style="list-style-type: none"> As a/an I want to So that 	<ul style="list-style-type: none"> ✓ User ✓ Download sales rep application as free ✓ Can open the application full features
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ I can see the app icon on my phone ✓ I open play / app store and And search by application name ✓ I download the application free

2.01	Update and notify users of new release
<ul style="list-style-type: none"> As a/an I need to So that 	<ul style="list-style-type: none"> ✓ System ✓ Send updating notification for new version ✓ Can inform all app users with a new version
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ The new vision is available on play/app store ✓ Publish a new version online ✓ Send users an updating notification

2.02	Update and notify users of new release
<ul style="list-style-type: none"> As a/an I want to So that 	<ul style="list-style-type: none"> ✓ User ✓ Update to the new version ✓ Can use the new features
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ I use the new features ✓ I accept the updating notification ✓ I click update button from play/app store

3.01	Login
<ul style="list-style-type: none"> As a/an I want to So that 	<ul style="list-style-type: none"> ✓ User ✓ Only me who can access my account ✓ Keep my account secure
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ I unable to access my account ✓ I enter the invalid user name and password And click the login button ✓ I see the failure message

3.02	Login
<ul style="list-style-type: none"> As a/an I need to So that 	<ul style="list-style-type: none"> ✓ System ✓ Validation username and password ✓ Accept the information format
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ Ensure of the input information ✓ The user types a valid user name and password ✓ Verification of the user identity

3.03	Login
<ul style="list-style-type: none"> As a/an I need to So that 	<ul style="list-style-type: none"> ✓ System ✓ Verifications of the user identity ✓ Secure the user accounts
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ Enable user to access his account safety ✓ The verification process is completed successfully ✓ Create session to secure login and logout

3.04	Login
<ul style="list-style-type: none"> As a/an I need to So that 	<ul style="list-style-type: none"> ✓ System ✓ Verifications of the user permissions ✓ Secure the customer accounts
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ Enable the certain functions ✓ Open the session ✓ Disable the sections which out of permissions

4.01	Reset Password
<ul style="list-style-type: none"> As a/an I want to So that 	<ul style="list-style-type: none"> ✓ User ✓ Reset my password ✓ Can retrieve my account
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ I retrieve my account again ✓ I click forgot password link And type my email/phone And type the passcode in the form ✓ I type and confirm my new password

4.02	Reset Password
<ul style="list-style-type: none"> As a/an I need to So that 	<ul style="list-style-type: none"> ✓ System ✓ Generate unique passcode ✓ Send the passcode to the user email/phone
<ul style="list-style-type: none"> Given When Then 	<ul style="list-style-type: none"> ✓ Send a passcode to the user email/phone ✓ The user type his email/phone in the form And click reset button ✓ Verification the email/phone

5.01	Home Page
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ User ✓ Access the home page ✓ Execute the tasks
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I apply the app features ✓ I type the valid username and password And click the login button ✓ I access the home page

6.01	Sales Invoice
<ul style="list-style-type: none"> ▪ As a/an ▪ I need to ▪ So that 	<ul style="list-style-type: none"> ✓ System ✓ Verifications of the customer financial information ✓ Return the customer pay method credit/cash
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ Unable to create the invoice ✓ Create credit invoice to the customer who hasn't permission ✓ Display the failure message

6.02	Sales Invoice
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Collect the invoice Net amount in the treasury ✓ Create a cash invoice
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I create a cash invoice ✓ I select the pay method is cash And Select the treasury And type the payment amount same as a Net amount ✓ I see a successful message

6.03	Sales Invoice
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Add the invoice Net amount to the customer balance ✓ Create a credit invoice
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ Create a credit invoice ✓ Select the pay method is credit And Select the customer ✓ The payment cell will disabled I see a successful message

6.04	Sales Invoice
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Reduce the Net amount up to 100% ✓ Create discount
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I decreased the profit margin ✓ I enter the discount amount in the discount cell ✓ The total amount equal Net amount plus discount amount

7.01	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Search by customer ✓ Can display all invoices for a specific customer
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all invoices for a specific customer ✓ I assign the customer in the search ✓ I see the customer invoices list

7.02	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Search by period (date/time) ✓ Can display all invoices for a specific shift
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all the long/night shift invoices ✓ I assign the (start and end date/time) in the search ✓ I see the shift invoices list

7.03	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Search by customer and period (date/time) ✓ Can display all invoices for a specific customer per month
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all invoices for a specific customer per month ✓ I assign both customer and period in the search ✓ I see the customer's period invoices list

7.04	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Edit the unposted invoice ✓ Modify the pay method And update items and quantities
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ The invoice has been updated ✓ I Select the unposted invoice And click the edit button ✓ The invoice will open for update And I see the updating message

7.05	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Cancel the unposted invoice ✓ Delete invoices when the order is cancel
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ The invoice has been deleted ✓ I select the unposted invoice And click the delete button ✓ I see the cancelation message

7.06	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Add new invoice ✓ Create invoices directly from invoices list
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I can see the sales invoice screen ✓ I click the add button ✓ I see the sales invoice screen

7.07	Invoices List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Sales rep. ✓ Print the sales invoice ✓ Keep a hard copy
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I get the sales invoice as hard copy ✓ I connect the mobile to the printer wireless ✓ I click the print button

8.01	Cash Voucher
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Review the customer balance before pay ✓ Check the customer balance for paying
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I check the customer balance ✓ I select the customer in the cash voucher ✓ I see the customer balance

8.02	Cash Voucher
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Collect the same value of the customer's balance ✓ Can settlement of the customer's account
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I settle the customer's account ✓ I type payment value same as the customer's balance ✓ I get zero value in the remaining cell

8.03	Cash Voucher
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Collect cash from the customer less than his balance ✓ Make the customer still debtor
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I am still creditor to the customer ✓ I type the payment value less than the customer balance ✓ I get the positive value in the remaining cell

8.04	Cash Voucher
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Collect cash from customer more than his balance ✓ Make the customer is creditor
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I became debtor to the customer ✓ I type the payment value more than the customer balance ✓ I get the negative value in the remaining cell

9.01	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Search by customer ✓ Can display all vouchers for a specific customer
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all vouchers for a specific customer ✓ I assign the customer in the search ✓ I see the customer vouchers list

9.02	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Search by period (date/time) ✓ Can display all vouchers for a specific shift
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all the long/night shift vouchers ✓ I assign the (start and end date/time) in the search ✓ I see the period vouchers list

9.03	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Search by customer and period (date/time) ✓ Can display all vouchers for a specific customer per month
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I listed all vouchers for a specific customer per month ✓ I assign both customer and period in the search ✓ I see the customer's period vouchers list

9.04	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Edit the unposted vouchers ✓ Modify the customer And payment amount
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ The voucher has been updated ✓ Select the unposted voucher And click the edit button ✓ The voucher will open for update And I see updating message

9.05	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Cancel the unposted vouchers ✓ Delete voucher when refund the payment
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ The voucher has been deleted ✓ I select the unposted voucher And click the delete button ✓ I see the cancelation message

9.06	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Add new voucher ✓ Create vouchers directly from vouchers list
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I can see the sales invoice screen ✓ I click the add button ✓ I see the cash voucher screen

9.07	Vouchers List
<ul style="list-style-type: none"> ▪ As a/an ▪ I want to ▪ So that 	<ul style="list-style-type: none"> ✓ Debt. collector ✓ Print the vouchers ✓ Keep a hard copy
<ul style="list-style-type: none"> ▪ Given ▪ When ▪ Then 	<ul style="list-style-type: none"> ✓ I get the cash voucher as hard copy ✓ I connect the mobile to the printer wireless ✓ I click the print button