User Stories

Project Name:
Field Technicians Mobile Interface for Asset Audits

Prepared for:
Infonech Software Pvt. Ltd.

User Story 1: Login and Authentication

As a	field technician
I want	to securely log into the application
So that	I can access my audit schedule and asset management features
Acceptance Criteria	1. The system shall present a login screen where the user can enter their username and password. (Refer Wireframe 1) 2. The system shall provide a link for new registration and a link for password recovery on the login screen. (Refer Wireframe 1) 3. Upon successful login, the system shall redirect the user to the dashboard with the calendar and audit schedule.

User Story 2: New User Registration

As a	new field technician
I want	to register a new account with my professional details
So that	I can access the application features for the first time
Acceptance Criteria	1. The system shall display a registration screen with fields for username, password, re-enter password, employee ID, and official phone number. (Refer Wireframe 2) 2. The system shall send an OTP to the technician's phone number for verification upon form submission. (Refer Wireframe 3) 3. Upon successful OTP entry, the system shall confirm registration and redirect the user to the login screen. (Refer Wireframe 4)

User Story 3: Password Recovery

As a	field technician
I want	to reset my password if I forget it
So that	I can regain access to my account
Acceptance Criteria	1. The system shall provide an option to reset the password by entering the user's registered email or phone number. (Refer Wireframe 5) 2. The system shall send an OTP to the entered email or phone number. (Refer Wireframe 6)

	3. Upon successful OTP entry, the system shall prompt the user to set a new password and re-enter it. (Refer Wireframe 7) 4. Upon successfully setting a new password, the system shall confirm the reset and redirect the user to the login page. (Refer Wireframe 8)

User Story 4: View Audit Schedule

As a	field technician
I want	to view my audit schedule in a calendar format
So that	I can efficiently plan my audits
Acceptance Criteria	1. The system shall display a calendar on the dashboard showing scheduled audit dates. (Refer Wireframe 9) 2. The system shall highlight dates with scheduled audits. 3. The system shall allow the technician to click on a date to view site details and start the audit process.

User Story 5: Site Information and Begin Audit

As a	field technician
I want	to view site information before starting the audit
So that	I can verify the site details and initiate the audit process
Acceptance Criteria	1. The system shall display site information such as site name, address, and contact information upon selecting a scheduled audit. (Refer Wireframe 10) 2. The system shall provide a "Begin Audit" button to start the audit. (Refer Wireframe 10) 3. The system shall provide an option to add a new asset at the site. (Refer Wireframe 10)

User Story 6: View and Update Existing Assets

As a	field technician
I want	to view a list of existing assets and update their details
So that	I can verify asset information on-site and update it if necessary
Acceptance Criteria	1. The system shall display a list of existing assets with details such as asset name, model, serial number, and location. (Refer Wireframe 11) 2. The system shall allow the technician to modify details of an asset, mark it as missing, or update its information. (Refer Wireframe 12) 3. The system shall save changes made to the asset information and allow the technician to move to the next asset.

User Story 7: Add New Asset

As a	field technician
I want	to add new assets that I find on-site
So that	I can maintain an accurate record of all assets
Acceptance Criteria	1. The system shall provide a form for adding new assets. (Refer Wireframe 13) 2. The system shall enable the technician to scan the QR code of the asset to populate certain fields automatically. (Refer Wireframe 14) 3. The system shall provide a form, with fields for manufacturer, model, capacity, serial number, type, UPL code, MIC code and upload images, videos, or documents related to the asset. (Refer Wireframe 15) OR Upon scanning, the system shall extract the following details - manufacturer, model, capacity, serial number, type, UPL code, MIC code and shall allow the technician to upload images, videos, or documents related to the asset. (Refer Wireframe 16) 4. The system shall provide an option to save the new asset details and add child or sub-child assets if applicable.

User Story 8: Review and Submit Audit

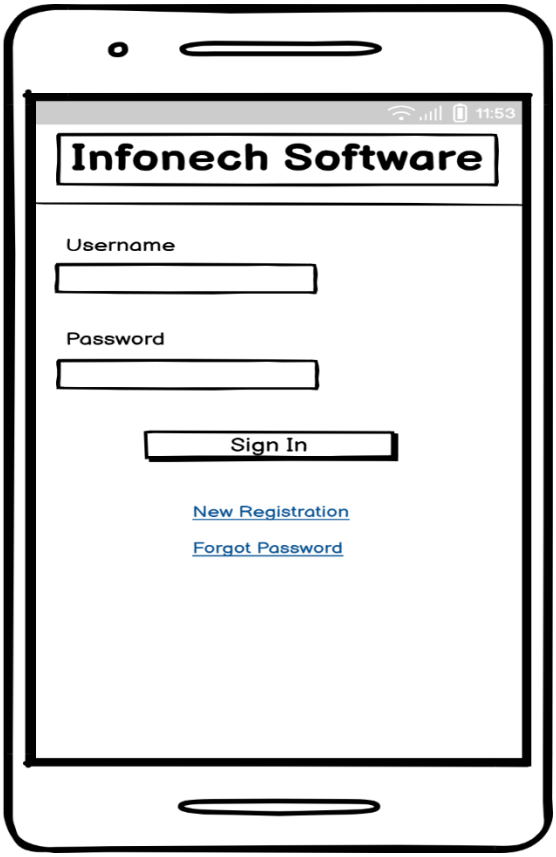
As a	field technician
I want	to review all audit entries before submitting
So that	I can ensure the accuracy of the data
Acceptance Criteria	1. The system shall display a summary screen listing all assets with indicators for their statuses (verified, missing, or newly added). (Refer Wireframe 17) 2. The system shall allow technicians to edit any entry before final submission. (Refer Wireframe 18) 3. Upon submitting the audit, the system shall confirm successful data submission to the backend.

User Story 10: Audit Completion and Logout

As a	field technician
I want	to receive confirmation upon completing an audit (Refer Wireframe 19)
So that	I can securely log out after submission

Acceptance Criteria	1. The system shall display a confirmation message upon successful audit submission. 2. The system shall provide an option to log out from the app or return to the dashboard to start another audit. 3. Upon logging out, the system shall terminate the session securely.

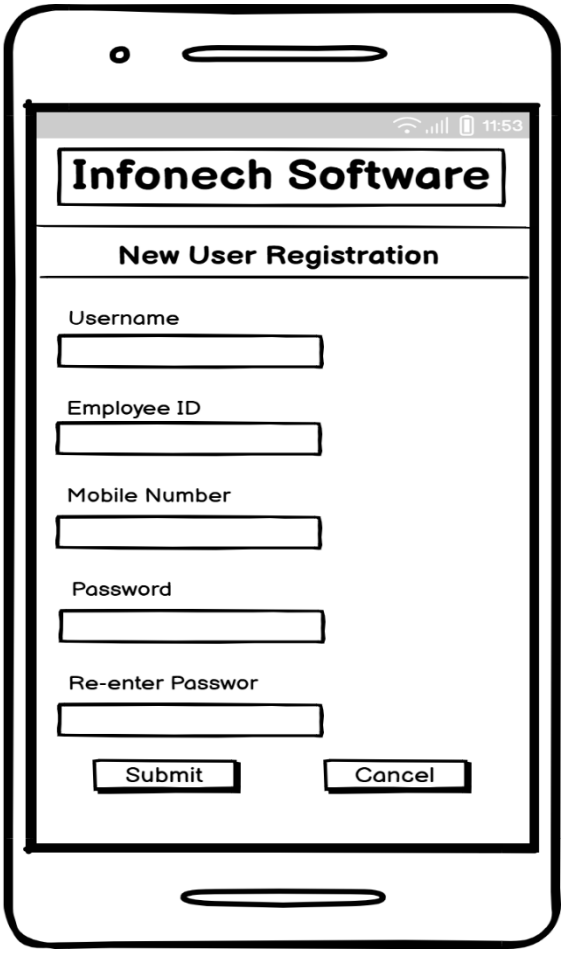
Wireframe 1 (Login Page)



Appendix 1

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Username	Text Box	Alphanumeric	Yes	Username shall be valid.
2	Password	Text Box	Alphanumeric	Yes	Password shall be valid. Password shall be encrypted.
4	Sign In	Command Button	N/A	N/A	On click, if all validations pass, navigate user to 'Calander View' page in same browser or else display the following error messages – "Invalid Username/Password, try again."
5	New Registration	Command Button	N/A	N/A	On click, display "New User Registration Page"
6	Forgot Password	Command Button	N/A	N/A	On click, display "Forgot Password Page"

Wireframe 2 (New User Registration Page)



Appendix 2

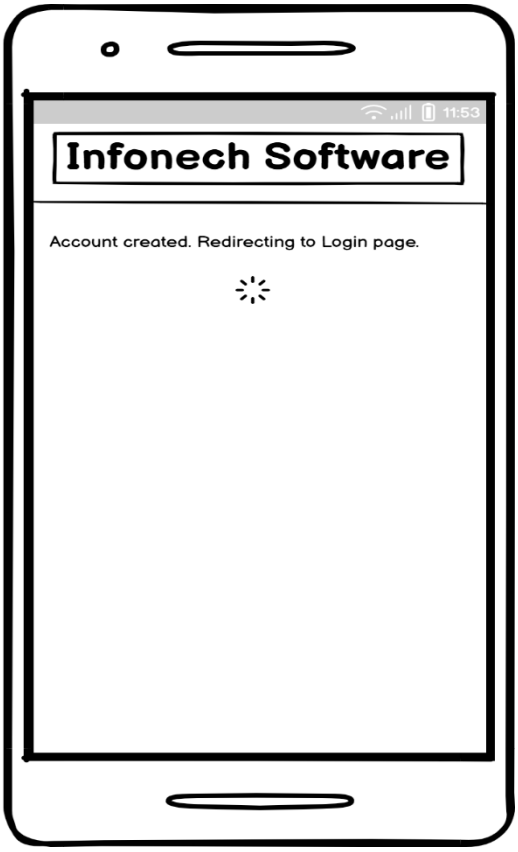
ID	Field Name	Field Type	Content	Required Field?	Notes
1	Username	Text Box	Alphanumeric	Yes	Min char: 8 Max char: 100
2	Employee ID	Text Box	Numeric	Yes	Min char: 9 Max char: 9
3	Mobile No.	Text Box	Numeric	Yes	Display country code before entering the mobile no. Min char: 10 Max char: 10
4	Password	Text Box	Alphanumeric	Yes	Min char: 8 Max char: 16 Password shall be encrypted.
5	Re-enter Password	Text Box	Alphanumeric	Yes	Re-entered password shall be same as Password.
6	Submit	Command Button	N/A	N/A	On click, display “OTP – New User Registration Page”
7	Cancel	Command Button	N/A	N/A	On click, display “Login Page”

Wireframe 3 (OTP – New User Registration Page)

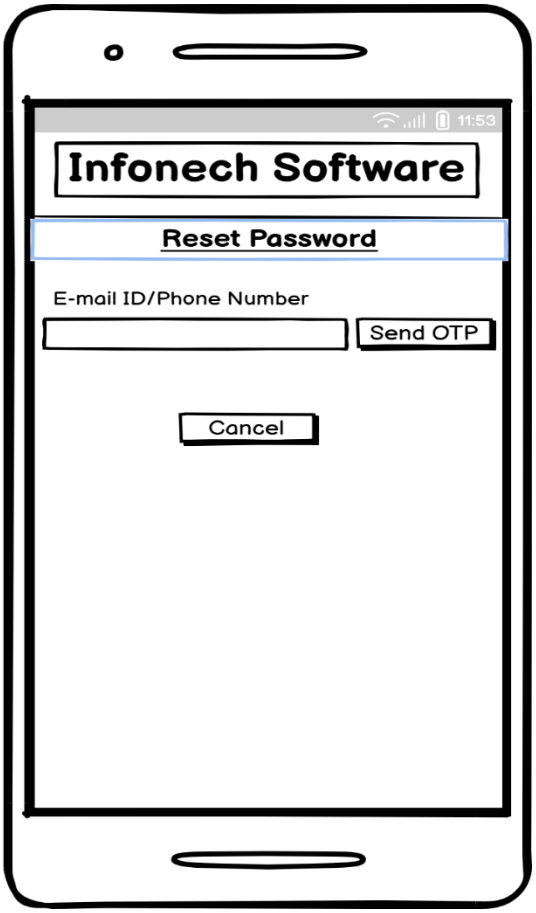
Appendix 3

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Enter OTP	Text Box	Numeric	Yes	Min char: 6 Max char: 6
2	Edit	Hyperlink	N/A	N/A	On click, display “New User Registration Page”
3	Validate	Command Button	N/A	N/A	On click, validate the OTP, if valid display “Redirecting - New User Registration Page”
4	Back	Command Button	N/A	N/A	On click, display “Login Page”

Wireframe 4 (Redirecting - New User Registration Page)



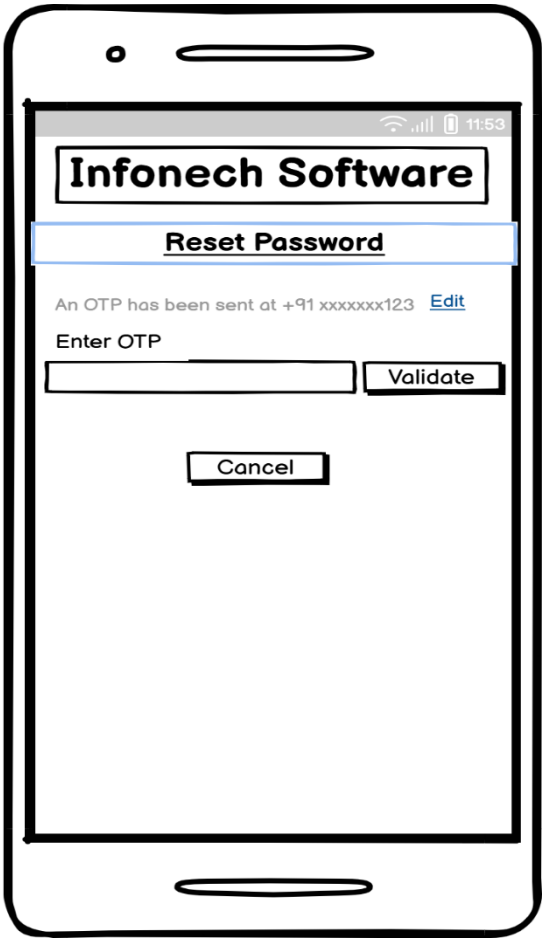
Wireframe 5 (Forgot Password Page)



Appendix 4

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Email ID or Phone No.	Text Box	Alphanumeric	Yes	Min char: 8 Max char: 100
2	Send OTP	Command Button	N/A	N/A	On click, validate the email ID or phone no., if valid, display “Enter OPT – Forgot Password Page”
3	Cancel	Command Button	N/A	N/A	On click, display “Login Page”

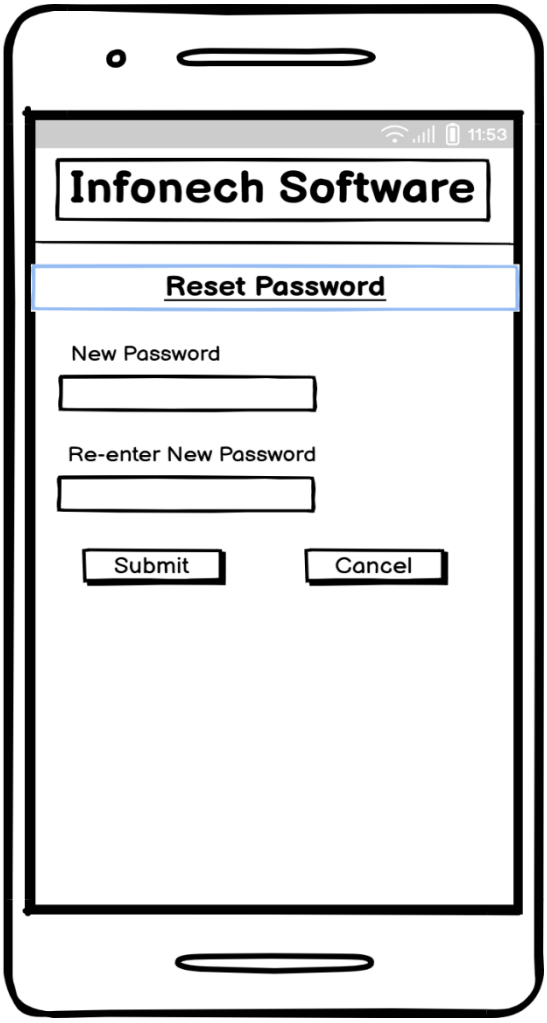
Wireframe 6 (OTP – Forgot Password Page)



Appendix 5

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Enter OTP	Text Box	Numeric	Yes	Min char: 6 Max char: 6
2	Edit	Hyperlink	N/A	N/A	On click, display “Forgot Password Page”
3	Validate	Command Button	N/A	N/A	On click, validate the OTP, if valid display “Enter New Password Page”
4	Cancel	Command Button	N/A	N/A	On click, display “Login Page”

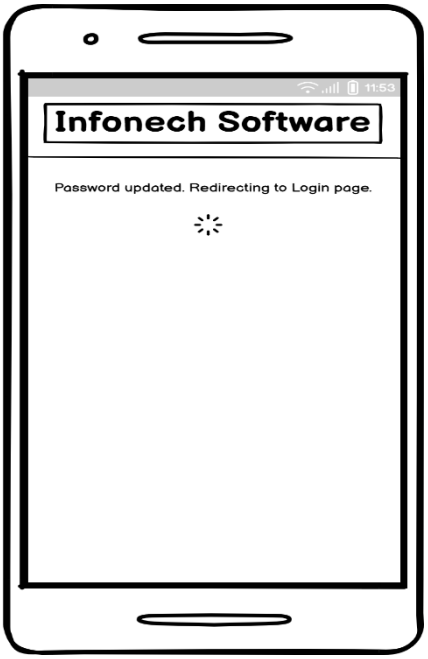
Wireframe 7 (New Password – Forgot Password Page)



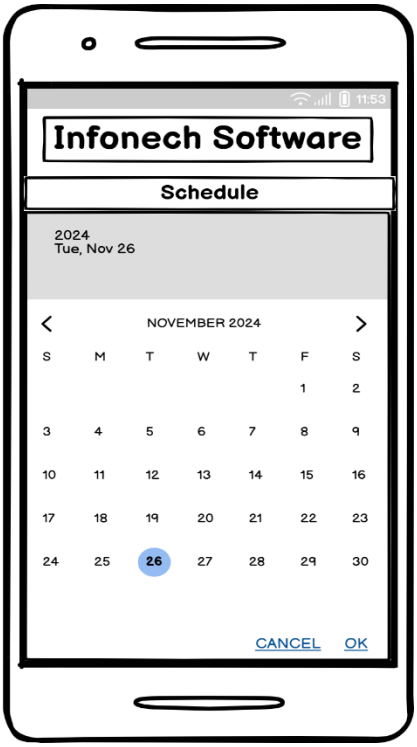
Appendix 6

ID	Field Name	Field Type	Content	Required Field?	Notes
1	New Password	Text Box	Alphanumeric	Yes	Min char: 8 Max char: 16 New Password shall be encrypted.
2	Re-enter New Password	Text Box	Alphanumeric	Yes	Re-entered New Password shall be same as New Password
3	Submit	Command Button	N/A	N/A	On click, validate the OTP, if valid display “Redirecting – Forgot Password Page”
4	Cancel	Command Button	N/A	N/A	On click, display “Login Page”

Wireframe 8 (Redirecting – OTP – Forgot Password Page)



Wireframe 9 (Schedule – Calander View Page)

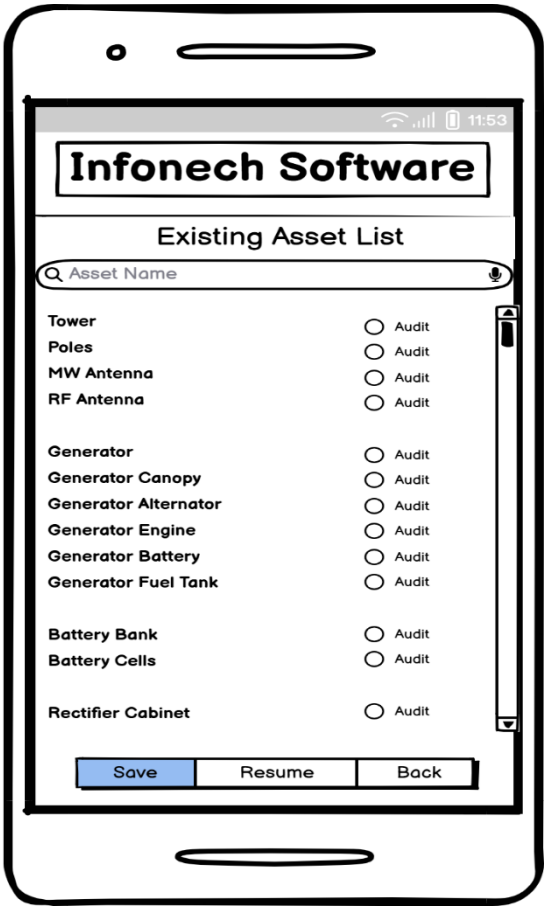


Wireframe 10 (Site Information – Asset Management Page)

Appendix 7

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Site Name	Text Box	NA	NA	Display scheduled “Site Name”
2	Site Address	Text Box	NA	NA	Display scheduled “Site Address”
3	Contact Information	Text Box	NA	NA	Display scheduled “Contact Information”
3	Begin Audit	Command Button	N/A	N/A	On click, display “Existing Asset List Page”
4	Add New Asset	Command Button	N/A	N/A	On click, display “Add New Asset Page”
5	Back	Command Button	N/A	N/A	On click, display “Calander View Page”

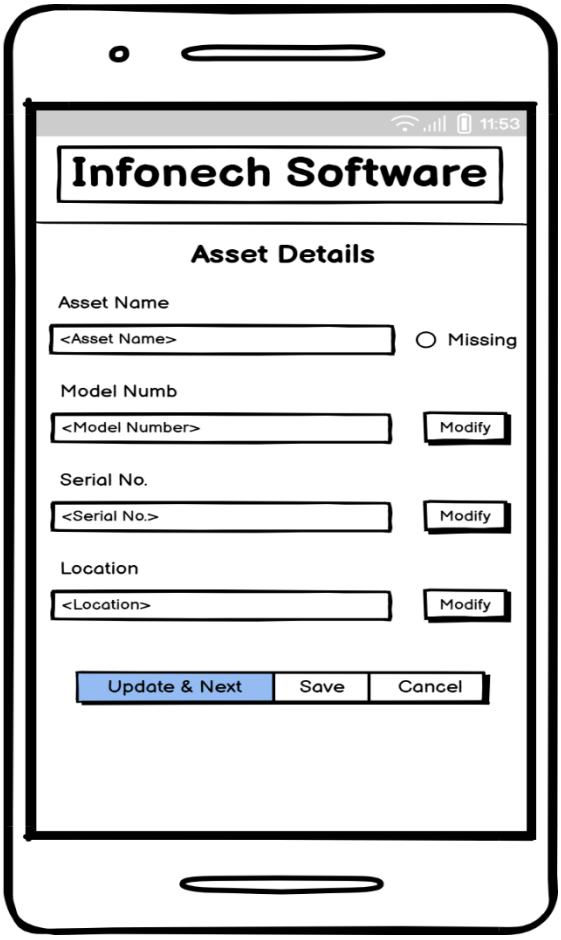
Wireframe 11 (Existing Asset List Page)



Appendix 8

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Search Box	Search Box	Alphanumeric	No	Display assets written in the "Search Box"
2	Audit	Radio Button	NA	NA	On Click, display "Update Existing Assets Page"
3	Save	Command Button	N/A	N/A	On click, save the audit and display "Review 1 Page"
4	Resume	Command Button	N/A	N/A	On click, resume the earlier audit.
5	Back	Command Button	N/A	N/A	On click, display "Site Information – Asset Management Page"

Wireframe 12 (Update Existing Assets Page)

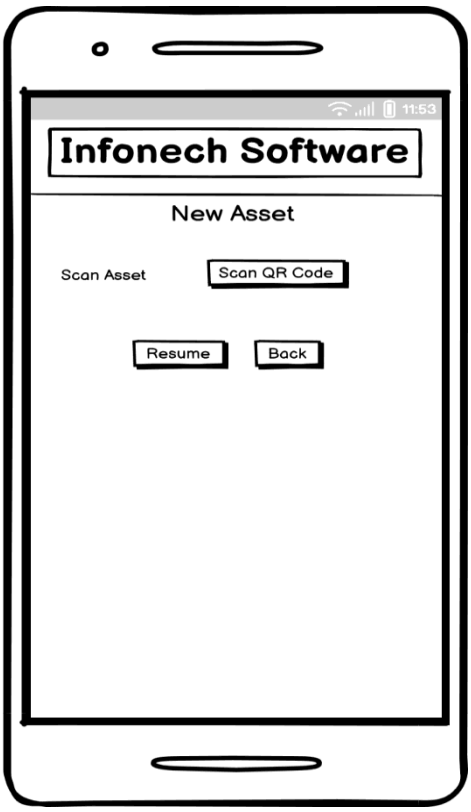


Appendix 9

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Asset Name	Text Box	NA	NA	Display scheduled "Asset Name"
2	Model Number	Text Box	NA	NA	Display scheduled "Model Number"
3	Serial No.	Text Box	NA	NA	Display scheduled "Serial No."
3	Location	Text Box	NA	NA	On click, display "Location"
4	Missing	Radio Button	NA	NA	On click, mark asset as "Missing" and disable "Modify"
4	Modify	Command Button	N/A	N/A	On click, enables to edit Text Boxes
5	Update & Next	Command Button	N/A	N/A	On click, save the information and display next asset to be audited.
6	Save	Command Button	N/A	N/A	On click, save the information and display "Existing Asset List Page"

7	Cancel	Command Button	N/A	N/A	On click, display “Existing Asset List Page” without saving

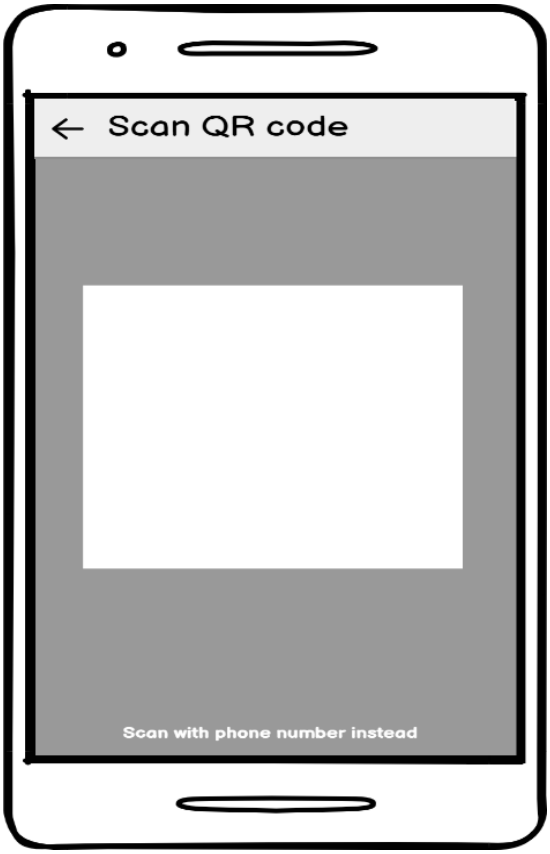
Wireframe 13 (Add New Asset Page)



Appendix 10

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Scan Asset	Command Button	NA	NA	Display “Scan QR Code Page”
2	Resume	Command Button	NA	NA	Resume the previous audit
2	Back	Command Button	N/A	N/A	On click, display “Site Information – Asset Management Page”

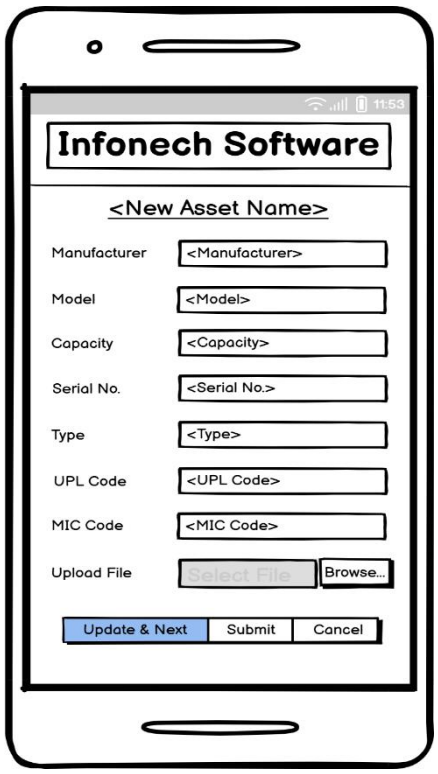
Wireframe 14 (Scan QR Code Page)



Appendix 11

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Scanner	Scanner	NA	NA	Scan the QR Code printed on the new asset and display “Asset Detail Page 1” OR “Asset Detail Page 2”

Wireframe 15 (Asset Detail Page 1)

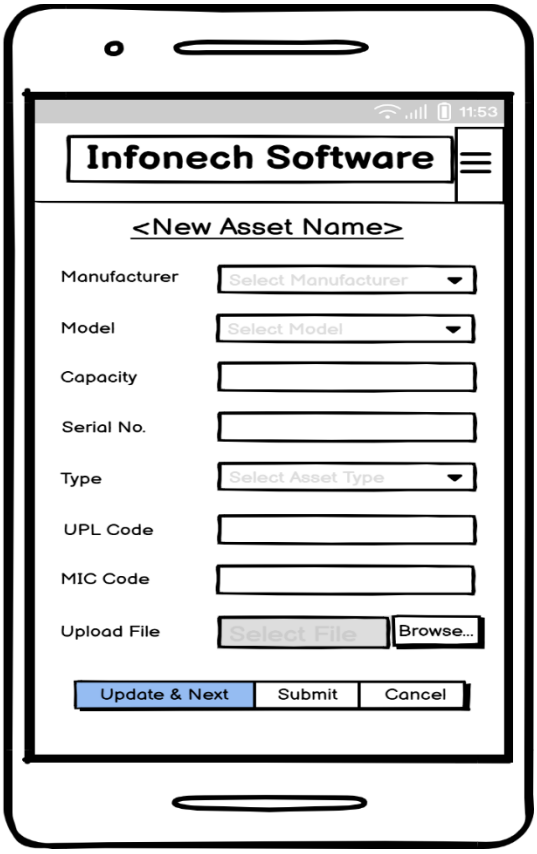


Appendix 12

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Manufacturer	Dropdown	NA	Yes	Select the “Manufacturer” from Dropdown
2	Model	Dropdown	NA	Yes	Select the “Model” from Dropdown
3	Capacity	Text Box	Numeric	Yes	Enter “Capacity” of new asset.
4	Serial No.	Text Box	Alphanumeric	Yes	Enter “Serial No.” of new asset.
5	Type	Dropdown	NA	Yes	Select the “Type” from Dropdown
6	UPL Code	Text Box	Alphanumeric	Yes	Enter “UPL Code” of new asset.
7	MIC Code	Text Box	Alphanumeric	Yes	Enter “MIC Code” of new asset.
8	Upload File	Command Button	NA	NA	On click, opens camera or browse phone storage to upload image, video or document
9	Update & Next	Command Button	NA	NA	On click, save the information and display “Add New Asset Page”
10	Submit	Command Button	NA	NA	On click, save the information and display “Review Page 1”
11	Cancel	Command Button	NA	NA	On click, display “Add New Asset Page”

OR

Wireframe 16 (Asset Detail Page 2)

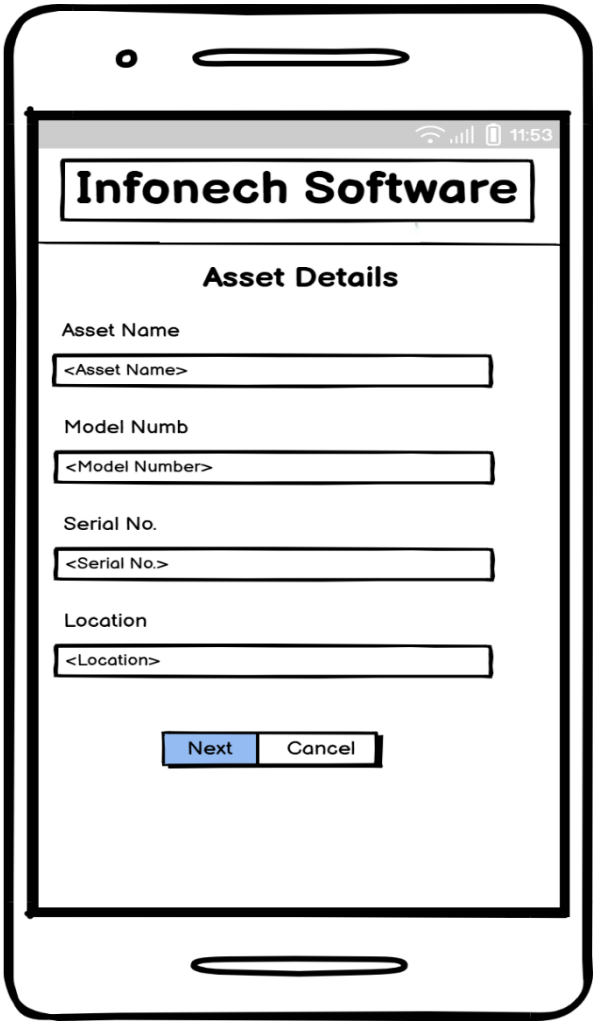


Appendix 13

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Manufacturer	Text Box	NA	NA	Display “Manufacturer” in the text box
2	Model	Text Box	NA	NA	Display “Model” in the text box
3	Capacity	Text Box	NA	NA	Display “Capacity” in the text box
4	Serial No.	Text Box	NA	NA	Display “Serial No.” in the text box
5	Type	Text Box	NA	NA	Display “Type” in the text box
6	UPL Code	Text Box	NA	NA	Display “UPL Code” in the text box
7	MIC Code	Text Box	NA	NA	Display “MIC Code” in the text box
8	Upload File	Command Button	NA	NA	On click, opens camera or browse phone storage to upload image, video or document

9	Update & Next	Command Button	NA	NA	On click, save the information and display “Add New Asset Page”
10	Submit	Command Button	NA	NA	On click, save the information and display “Review Page 1”
11	Cancel	Command Button	NA	NA	On click, display “Add New Asset Page”

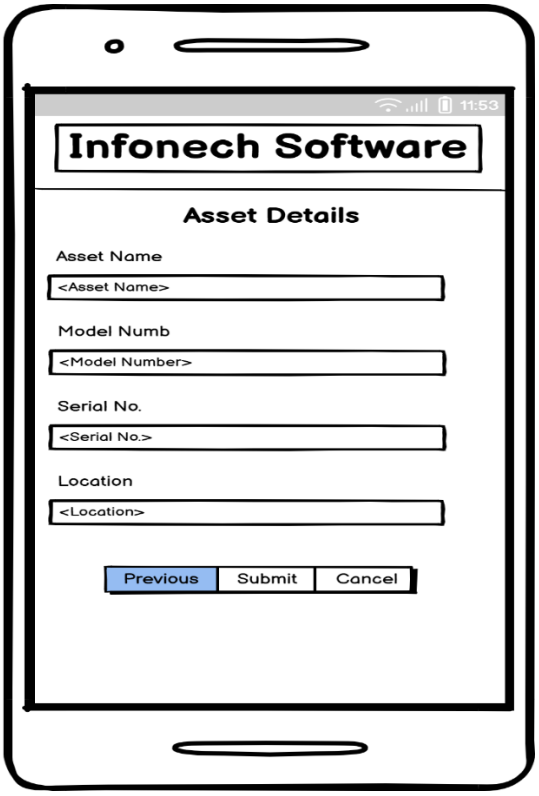
Wireframe 17 (Review Page 1)



Appendix 14

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Asset Name	Text Box	NA	NA	Display “Asset Name” in the text box
2	Model Number	Text Box	NA	NA	Display “Model Number” in the text box
4	Serial No.	Text Box	NA	NA	Display “Serial No.” in the text box
5	Location	Text Box	NA	NA	Display “Location” in the text box
6	Next	Command Button	NA	NA	On click, display “Review Page 2”
7	Cancel	Command Button	NA	NA	On click, display “Add New Asset Page” or “Existing Asset List Page”

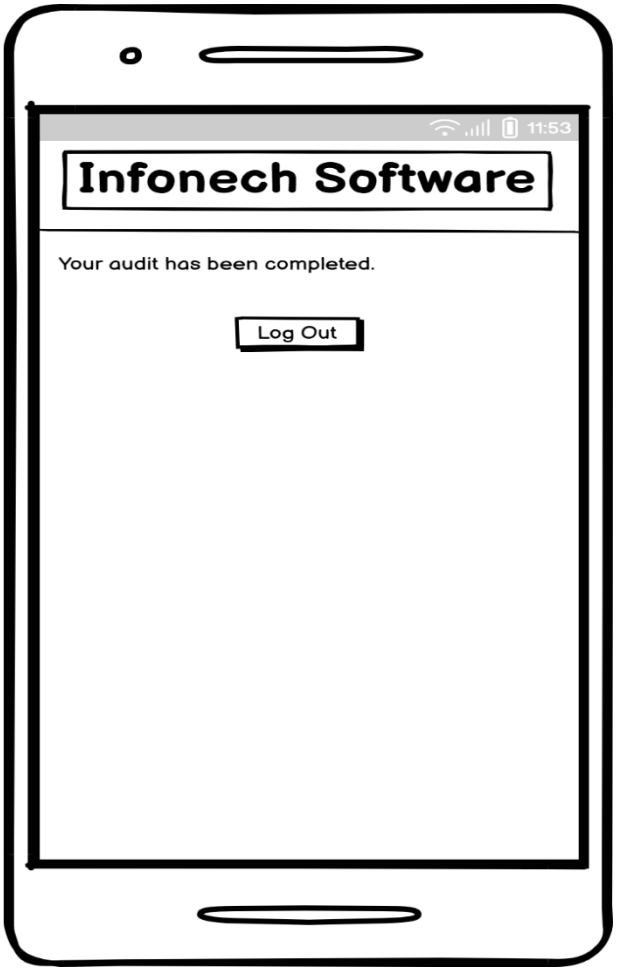
Wireframe 18 (Review Page 2)



Appendix 15

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Asset Name	Text Box	NA	NA	Display “Asset Name” in the text box
2	Model Number	Text Box	NA	NA	Display “Model Number” in the text box
4	Serial No.	Text Box	NA	NA	Display “Serial No.” in the text box
5	Location	Text Box	NA	NA	Display “Location” in the text box
6	Previous	Command Button	NA	NA	On click, display “Review Page 1”
7	Submit	Command Button	NA	NA	On click, save the information and display “Confirmation/Logout Page”
8	Cancel	Command Button	NA	NA	On click, display “Add New Asset Page” or “Existing Asset List Page”

Wireframe 19 (Confirmation/Logout Page)



Appendix 16

ID	Field Name	Field Type	Content	Required Field?	Notes
1	Logout	Command Button	NA	NA	On click, display “Login Page”