

Storyboard

Project Name:

Field Technicians Mobile Interface for Asset Audits

Prepared for:

Infonech Software Pvt. Ltd.

Scene 1: Home Screen (App Login)

Description: The field technician opens the Infonech mobile app and is prompted to log in.

- **Interface Elements:**
 - **Login Field:** Username and password entry.
 - **Login Button:** A button to submit login credentials.
 - **New User:** Link for new registration.
 - **Forgot Password:** Link for password recovery.

Goal: Securely access the app to begin the audit.

Scene 2: New User Registration Screen

Description: For first-time users, the app provides a registration option. The field technician selects "Register" on the home screen to create a new account.

- **Interface Elements:**
 - **Username Field:** Input for a unique username.
 - **Password Field:** Input for a secure password.
 - **Re-enter Password Field:** Confirms password accuracy.
 - **Employee ID Field:** Input for the employee's ID number.
 - **Official Phone Number Field:** Input for the user's registered phone number.
 - **Register Button:** Button to submit the registration form.

Goal: Allow new users to register by entering their professional details.

Scene 3: OTP Verification

Description: After the technician clicks "Register," the system sends a One-Time Password (OTP) to the official phone number provided. The user enters the OTP to verify their identity.

- **Interface Elements:**
 - **OTP Entry Field:** Field to enter the OTP received on the user's phone.
 - **Submit OTP Button:** Button to confirm OTP entry.

- **Resend OTP Option:** Option to resend the OTP if the user didn't receive it.

Goal: Verify the user's phone number through OTP validation to ensure secure account creation.

Scene 4: Registration Confirmation and Redirect to Login Page

Description: Upon successful OTP verification, the system confirms registration and redirects the user to the login page.

- **Interface Elements:**

- **Confirmation Message:** "Registration Successful! Please log in."
- **Redirect to Login Page:** The system automatically takes the user to the login screen after a brief confirmation.

Goal: Confirm successful registration and transition to the login page for initial app access.

Scene 5: Password Reset Screen (Request OTP)

Description: On the login page, the technician selects the "Forgot Password" option, which redirects them to the password reset screen. Here, the user is prompted to enter their official email address to request a password reset.

- **Interface Elements:**

- **Email ID Field:** Input field for the user's official email address.
- **Request OTP Button:** Button to send the OTP to the user's email address.
- **Back to Login Link:** Link to navigate back to the login page.

Goal: Allow users to request an OTP for password reset by entering their registered email address.

Scene 6: OTP Verification Screen for Password Reset

Description: The system sends an OTP to the user's registered email. The user enters this OTP on the app to verify their identity and proceed with the password reset.

- **Interface Elements:**

- **OTP Entry Field:** Field to input the OTP received via email.
- **Submit OTP Button:** Button to validate the OTP.
- **Resend OTP Link:** Option to request a new OTP if needed.

Goal: Verify the user's identity via OTP before allowing a password reset.

Scene 7: New Password Entry Screen

Description: Upon successful OTP verification, the app prompts the user to enter a new password and confirm it by re-entering it.

- **Interface Elements:**
 - **New Password Field:** Field for entering a new password.
 - **Re-enter New Password Field:** Field to confirm the new password.
 - **Submit Button:** Button to confirm and save the new password.

Goal: Enable the user to securely set a new password after identity verification.

Scene 8: Password Reset Confirmation and Redirect to Login Screen

Description: After successfully resetting the password, the app displays a confirmation message and redirects the user back to the login page.

- **Interface Elements:**
 - **Confirmation Message:** "Password successfully reset! Please log in with your new password."
 - **Redirect to Login Page:** The system automatically redirects the user to the login screen after a brief confirmation.

Goal: Confirm the password reset and guide the user back to the login page for secure access with the new credentials.

Scene 9: Dashboard - Calendar and Audit Schedule

Description: Upon logging in, the technician lands on the dashboard, which displays the calendar with scheduled audit dates and sites.

- **Interface Elements:**
 - **Calendar View:** A calendar displaying audit dates, with highlighted dates for scheduled audits.
 - **Audit List:** A clickable list of assigned audit sites and dates.
 - **Notification:** Reminder for today's scheduled audits.

Goal: Quickly view and confirm today's audit schedule.

Scene 10: Site Selection and Details

Description: The technician selects the scheduled site for today's audit. A detailed page opens with basic site information.

- **Interface Elements:**
 - **Site Information:** Site name, address, and contact information.
 - **Begin Audit Button:** A button to start the audit process.

- **Add New Asset Button:** A button to add a new asset.

Goal: Review the site's information before the audit begins.

Scene 11: Existing Asset Review

Description: The technician reviews each asset onsite, comparing them with the app's listed assets.

- **Interface Elements:**
 - **Asset Details:** Asset name, model, serial number, location.
 - **Modify Asset Button:** Button to edit or update asset information.
 - **Mark as Missing Button:** Option to label an asset as "missing" if not found.
 - **Update Asset Button:** Update and move to the asset list.

Goal: Verify existing assets, update information or mark missing assets.

Scene 12: New Asset Addition

Description: The technician needs to add new assets that are not in the existing list.

- **Interface Elements:**
 - **Add New Asset Button:** Opens the form for new asset entry.
 - **QR Code Scanner:** Scans the asset's QR code for easy entry.
 - **Media Upload:** Option to attach photos, videos, or documents.
 - **Asset Details Form:** Fields for Manufacturer, Model, Serial Number, Capacity, and Type.
 - **Child Asset Mapping:** Ability to link child assets and enter their specific details.

Goal: Register any new assets found at the site, including uploading relevant media and details.

Scene 13: Saving and Session Continuity

Description: The technician saves progress before a break or network disruption. The app supports saving data locally with an option to sync later.

- **Interface Elements:**
 - **Save Button:** Saves current audit progress.
 - **Sync Indicator:** Shows sync status (e.g., saved locally, syncing when online).
 - **Resume Later Button:** Saves the session to resume at another time.

Goal: Allow technicians to save audit data and ensure it remains available, even offline.

Scene 14: Review and Submit Audit

Description: After completing the audit, the technician reviews all collected data, confirming that each asset is either verified, marked missing, or newly added.

- **Interface Elements:**
 - **Summary Screen:** List of all assets with status indicators (verified, missing, added).
 - **Review Button:** Option to edit any entries before final submission.
 - **Submit Audit Button:** Submits data to the backend for recordkeeping and analysis.

Goal: Finalize the audit with all data accurately recorded and submitted.

Scene 15: Confirmation and Logout

Description: Upon successful submission, the technician sees a confirmation screen and logs out of the app.

- **Interface Elements:**
 - **Confirmation Message:** "Audit successfully submitted!"
 - **Logout Button:** Option to end the session.
 - **Return to Dashboard Button:** Option to start another audit if available.

Goal: Complete the audit process and log out securely.