

# DIGIPRO

## Technical Document

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**Date:** 11-08-2025

**Version:** 1.0

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## 1. Project Overview

The Sales Team Task Management application is designed to streamline sales operations by enabling efficient planning, attendance tracking, claim submissions, competitor analysis, and outlet visits.

## 2. System Overview

### 2.1 Key Features

- **Plan & Deviation Management:** Plan Submission, Plan Tracking, and Approve Plans, Plan Deviation and Plan Deviations Approval.
- **Attendance Punch:** Geo-validated attendance.
- **Claim & Approvals:** Submit and manage expense claims.
- **Competitor Form:** Log competitor insights for analysis.
- **Outlet Visit:** Document and track sales outlet visits.
- **Prospects and Market Promotion**
- **Secondary Customer Management:** Manage and create Secondary customer
- **Primary Order and Secondary Order:** Order creation for primary and secondary customer
- **Device & Location Tracking:** Capture device info and location for compliance.

### 2.2 Supported Platforms

- **OS:** Android (SDK 24+, up to Android 15).
- **Devices:** Smartphones & tablets.

### 2.3 Target Audience

- Sales representatives
- Resource managers
- Distributors
- Non-Sales Employees

## 3. Architecture

### 3.1 High-Level Design

Pattern	MVVM (Model-View-ViewModel)
Frontend	React Native
Navigation	React Navigation
API Handling	Axios
Local Cache	AsyncStorage

### 3.2 Functional Modules

- User Authentication (Login)
- Dashboard (Task Overview)
- Plan Submission & Approval
- Attendance Punch (Geo-Validation)
- Claim Submission
- Competitor Data Entry
- Outlet Visit Logging
- Travel Start and End Data Entry
- Secondary Customer Management
- Primary and Secondary Order

### 3.3 Assumptions & Dependencies

- Client provides **API endpoints**
- The QA environment mirrors production.

### 3.4 Directory Structure

```
src/
├── api/           # Axios API handlers
├── assets/        # Images
├── components/    # Reusable UI
├── colors/        # Color codes
├── database/      # Local storage (AsyncStorage)
├── modules/       # Feature-specific screens
├── navigate/      # Routing logic
├── store/         # Redux actions/reducers
├── themes/        # Dark/light mode
└── utils/         # Helper functions
```

## 4. Functional Specifications

### 4.1 Module Breakdown

Module	Functionality	Screens
Login	JWT-based authentication	LoginScreen
Dashboard	Task summary & quick actions	DashboardScreen
Plan Submission	Create/Edit Sales Plans	PlanFormScreen
Attendance	Geo-tagged punch-in/out	AttendanceDayScreen, AttendanceCalenderScreen, AttendanceDetailsModelScreen, AttendanceList, AttendancePunch
Claims	Submit claims for Food, Travel, Boarding, Lodge	ClaimViewScreen, SubmitClaimScreen, AddClaimExpenseScreen, ClaimCalendarScreen, ClaimDay, ClaimDetailsScreen, ClaimExpenseFrequency, ClaimExpenseViewDetailsScreen
Bibo Report	Download BIBO Report	BibiReportDownload
Biometric	Biometric Login (Fingerprint)	Biometric,FaceLockScreen, FingerLockScreen
Competitorform	Competitor Data Entry	AddCompetitorForm, CompetitorForm, CompetitorOfferFormScreen, CompetitorOfferList
Deviation	Plan Deviation Update and Submit Plan Deviation Approval	DeviationApprovalScreen, DeviationTicketScreen, PlanDeviation, PlanDeviationApprovallist, PlanDeviationEdit
Forget - Mpin	Verify and Create M- Pin	ForgetMpinScreen
Forgetpassword	Verify and Create Password	ForgetPasswordScreen, ConfirmationForgetPasswordScreen, OTPScreen

<b>Map</b>	User Tracker Map view	SelectedMapScreen, MapScreen
<b>Marketpromotion</b>	Market Promotion Data Entry	MarketPromotionDataScreen, MarketPromotionListScreen, MarketPromotionScreen
<b>Notification</b>	Notification List	Notification
<b>OrderReport</b>	Primary and Secondary Order Report	OrderAbstractDetailsScreen, OrderAbstractScreen
<b>Outletvisit</b>	Add New Outlet Visit, All Outlet Visit Details	AddOutletVisit, OutletVisitScreen
<b>PJP</b>	Current Month PJP Details	PjpViewDetailsScreen
<b>Plan</b>	Create and View Current Week or Next Week Plan	CreatePlanScreen, PlanCalenderScreen
<b>Planapproval</b>	Plan Approve or Reject	PlanApprovalList, PlanApprove
<b>PlanTour</b>	Current Week or Next Week Tour Plan	TeamPlanDetailsScreen, TeamTourPlan, TeamWeekPlan
<b>PrimaryCustomer</b>	View Count and Category of Primary Customer and Update Existing Customer details and Manage Primary Customer Order	CustomerCategoryListScreen, CustomerCountsScreen, CustomerTownListScreen, PrimaryCusOrderEditScreen, PrimaryCustomerEditScreen, PrimaryCustomerListScreen, PrimaryCustomerVisitEditScreen, PrimaryCustomerVisitOrderEditScreen, PrimaryOrderVisitViewDetailsScreen
<b>Secondary Customer</b>	Create and Update Secondary Customer Details and Manage Secondary Customer Order	OrderDetailsScreen, OrderListDetailsScreen, SecondaryCustomerComplaintsModel, SecondaryCustomerCreationScreen, SecondaryCustomerEditScreen, SecondaryCustomerListScreen, SecondaryCustomerSearchScreen, SecondaryMaterialModal, SecondaryOrderAbstractScreen, SecondaryOutletVisitScreen,

		SecondaryVisitEditScreen
<b>Prospectus</b>	New Prospect Creation and Approvals	ProspectsDetails, ProspectusApprovalList, ProspectusApprove, ProspectusCreation, ProspectusEdit, ProspectusList
<b>TeamPjp</b>	Team PJP Plan List and Details in Monthly Wise	MonthlyTeamPjpActualTourScreen, TeamPjpActualTourScreen, TeamPjpPlanScreen
<b>TeamVisit</b>	Team Visit Details Show	TeamVisitAbstractScreen, TeamVisitDetailsFoodsScreen
<b>Travel</b>	Punch Travel Start and Travel End and Travel Attendance Details	CalenderDayScreen, TravelAttendanceCalender, TravelAttendanceEditScreen, TravelAttendanceEndScreen, TravelAttendanceListScreen, TravelAttendanceScreen, TravelAttendanceStartScreen

## 5. Deployment

### 5.1 Deliverables

- **Android App Bundle (AAB):** Signed release build.
- **Git Repository:** Source code
- **Documentation**