

DIGIPRO

Technical Document

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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	ForgotPasswordScreen, ConfirmationForgotPasswordScreen, OTPScreen

Map	User Tracker Map view	SelectedMapScreen, MapScreen
Marketpromotion	Market Promotion Data Entry	MarketPromotionDataScreen, MarketPromotionListScreen, MarketPromotionScreen
Notification	Notification List	Notification
OrderReport	Primary and Secondary Order Report	OrderAbstractDetailsScreen, OrderAbstractScreen
Outletvisit	Add New Outlet Visit, All Outlet Visit Details	AddOutletVisit, OutletVisitScreen
PJP	Current Month PJP Details	PjpViewDetailsScreen
Plan	Create and View Current Week or Next Week Plan	CreatePlanScreen, PlanCalenderScreen
Planapproval	Plan Approve or Reject	PlanApprovalList, PlanApprove
PlanTour	Current Week or Next Week Tour Plan	TeamPlanDetailsScreen, TeamTourPlan, TeamWeekPlan
PrimaryCustomer	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
Secondary Customer	Create and Update Secondary Customer Details and Manage Secondary Customer Order	OrderDetailsScreen, OrderListDetailsScreen, SecondaryCustomerComplaintsModal, SecondaryCustomerCreationScreen, SecondaryCustomerEditScreen, SecondaryCustomerListScreen, SecondaryCustomerSearchScreen, SecondaryMaterialModal, SecondaryOrderAbstractScreen, SecondaryOutletVisitScreen,

		SecondaryVisitEditScreen
Prospectus	New Prospect Creation and Approvals	ProspectsDetails, ProspectusApprovalList, ProspectusApprove, ProspectusCreation, ProspectusEdit, ProspectusList
TeamPjp	Team PJP Plan List and Details in Monthly Wise	MonthlyTeamPjpActualTourScreen, TeamPjpActualTourScreen, TeamPjpPlanScreen
TeamVisit	Team Visit Details Show	TeamVisitAbstractScreen, TeamVisitDetailsFoodsScreen
Travel	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**