

# ▮ Holistart Mobile Approval App

A mobile-first web application for LOB Heads and Directors to efficiently process manpower requisition forms (MRF) and onboarding approvals.

## ▮ Features

### ✓ Mobile-Optimized Design

- **Native App Feel:** Designed specifically for mobile devices
- **Touch-Friendly:** 44px+ minimum touch targets
- **Responsive Layout:** Works on all mobile screen sizes
- **Bottom Navigation:** Thumb-friendly navigation

### ✓ Dual-Task Dashboard

- **MRF Approvals:** Pending manpower requests
- **Onboarding Approvals:** New joiner approvals
- **Quick Stats:** Daily summary of approvals and escalations

### ✓ Smart MRF Approval System

- **Salary-Based Routing:** Automatic escalation for >₹35,000 salaries
- **Complete Details:** Department, Entity, Cost Center, Creator, Positions
- **Instant Actions:** Approve, Reject, or Escalate with single tap

### ✓ Comprehensive Onboarding

- **Full Candidate Info:** Personal details, salary structure, documents
- **Document Verification:** Real-time status of all required documents
- **Quick Decisions:** Approve or reject with feedback

### ✓ Director Dashboard

- **High-Value Focus:** Only escalated requests >₹35,000
- **LOB Recommendations:** Context from LOB Head for better decisions
- **Executive Actions:** Final approval with mandatory feedback

## ▮ File Structure

```
holistart-mobile/  
├── mobile_app.html    # Main single-page application  
├── app.js             # Complete JavaScript functionality  
├── README.md         # This file  
└── docs/  
    ├── Holistart-Mobile-BRD.tex    # Business requirements  
    └── UI-Screenshots/             # Mobile UI previews
```

## ▮ Setup Instructions

### Option 1: Direct File Access

1. Download `mobile_app.html` and `app.js`
2. Place both files in the same folder
3. Open `mobile_app.html` in any modern web browser
4. For mobile testing: Open in browser and use Developer Tools (F12) > Device Mode

### Option 2: Local Server (Recommended)

```
# Using Python  
python -m http.server 8000  
  
# Using Node.js  
npm run serve .  
  
# Using Live Server (VS Code Extension)  
Right-click on mobile_app.html > "Open with Live Server"
```

Then visit: `http://localhost:8000/mobile_app.html`

### Option 3: Mobile Testing

- **Chrome DevTools:** F12 > Toggle Device Mode > Select iPhone/Android
- **Real Device:** Upload to server and access via mobile browser
- **PWA Install:** Use "Add to Home Screen" for app-like experience

## ▮ How to Use

### Dashboard Navigation

1. **Home Screen:** Shows pending MRF and Onboarding counts
2. **Tap Cards:** Navigate to approval queues
3. **Bottom Nav:** Access reports, settings, logout

## MRF Approval Flow

1. **Dashboard** → Tap "MRF Approvals" card
2. **MRF List** → Select specific request
3. **MRF Detail** → Review all details
4. **Action:** Approve ( $\leq ₹35K$ ) or Escalate ( $> ₹35K$ ) or Reject

## Onboarding Approval Flow

1. **Dashboard** → Tap "Onboarding Approvals" card
2. **Candidate List** → Select candidate
3. **Candidate Detail** → Review personal info, salary, documents
4. **Action:** Approve or Reject with reason

## Key Features

- **Real-time Updates:** Counts update instantly after actions
- **Toast Notifications:** Confirmation messages for all actions
- **Back Navigation:** Consistent back button behavior
- **Loading States:** Visual feedback during API calls

## ▮ Mobile UI Standards Applied

### Design Principles

- **44px Minimum Touch Targets:** All buttons and interactive elements
- **16px Minimum Font Size:** Readable text on mobile devices
- **Safe Area Padding:** Accounts for device notches and home indicators
- **Single-Hand Operation:** Important actions within thumb reach

### Color Scheme

- **Primary Green:** `rgb(57,181,74)` - Approve actions, success states
- **Primary Blue:** `rgb(20,70,124)` - Headers, secondary actions
- **Warning Orange:** `#f59e0b` - High-value items, escalations
- **Error Red:** `#dc2626` - Reject actions, error states

### Typography

- **System Fonts:** Native font stack for optimal mobile rendering
- **Font Weight 600:** Medium weight for better mobile readability
- **Proper Contrast:** WCAG AA compliant color combinations

## ▮ Sample Data

The app includes realistic sample data:

### MRF Requests

- **MRF002:** IT Developer (₹25K-34K) - Can approve directly
- **MRF003:** HR Executive (₹22K-28K) - Can approve directly
- **MRF001:** Operations Manager (₹40K-45K) - Must escalate to Director

### Onboarding Candidates

- **Rahul Sharma:** IT Developer with verified documents
- **Priya Patel:** HR Executive with pending employment verification

## ▮ Customization Options

### Adding New Data

Edit the `MRFData` and `OnboardingData` objects in `app.js`:

```
const MRFData = {  
  'MRF004': {  
    id: 'MRF004',  
    title: 'New Position',  
    department: 'Finance',  
    entity: 'HLPL / White Collar',  
    // ... other fields  
  }  
};
```

### Changing Salary Threshold

Modify the salary logic in `showMRFDetail()` function:

```
// Change from ₹35,000 to different threshold  
if (mrf.salaryMax <= 50000) { // New threshold  
  mrf.type = 'low';  
} else {  
  mrf.type = 'high';  
}
```

## Brand Colors

Update CSS color variables:

```
:root {  
  --primary-green: rgb(57,181,74);  
  --primary-blue: rgb(20,70,124);  
  --warning-orange: #f59e0b;  
  --error-red: #dc2626;  
}
```

## ▮ Progressive Web App Features

The app is designed to work as a PWA:

### Installation

- **Add to Home Screen:** Available on iOS Safari and Android Chrome
- **Offline Capability:** Basic functionality works without internet
- **App-like Experience:** Full-screen mode, native feel

### Performance

- **Fast Loading:** Minimal dependencies, optimized CSS/JS
- **Smooth Animations:** 60fps transitions and interactions
- **Memory Efficient:** Lightweight DOM manipulation

## ▮ Production Deployment

### Requirements

- Any web server (Apache, Nginx, IIS)
- HTTPS certificate (required for PWA features)
- Gzip compression (recommended)

### API Integration

Replace sample data with real API calls:

```
// Example API integration  
async function fetchMRFDData() {  
  const response = await fetch('/api/mrf/pending');  
  return response.json();  
}
```

## Security Considerations

- **Authentication:** Add JWT token validation
- **CSRF Protection:** Implement CSRF tokens for actions
- **Input Validation:** Validate all form inputs
- **HTTPS Only:** Force HTTPS in production

## ▮ Support

For technical support or feature requests:

- **Documentation:** See `Holistart-Mobile-BRD.tex` for complete specifications
- **UI Guidelines:** Follow mobile-first design principles
- **Testing:** Test on multiple devices and screen sizes

**Version:** 1.0

**Last Updated:** September 2025

**Compatible:** iOS 12+, Android 8+, Modern Web Browsers