

# SAARTHI - Accessibility App

## Problem

### Problem Statement:

People with physical disabilities often face serious challenges when visiting public places, such as restaurants without ramps, buildings without elevators, or the absence of accessible washrooms. This lack of accessibility limits their freedom, dignity, and participation in everyday life.

### Example:

Imagine a wheelchair user wants to visit a café with friends. They check Google Maps - but there's no information about whether the café has a ramp. They reach the café - only to find a flight of stairs and no help available. They either wait outside or go back home. That's not fair.

## Solution

### Solution:

Saarthi is a mobile app that helps differently-abled users find nearby places that are accessible - like restaurants with ramps, buildings with elevators, and public washrooms designed for wheelchair use.

It shows only accessible places, provides directions, photos, user reviews, and real-time alerts, so users can go out confidently and independently.

## Core Features

Core Features:

1. Find Nearby Accessible Places - Restaurants, malls, hospitals, etc. with accessibility filters.
2. Search & Filter - Filter by ramp, elevator, accessible washroom.
3. Elevator Info - Shows if a place has a working elevator.
4. Accessible Washroom Finder - Locate nearest wheelchair-friendly toilets.
5. Photos & Reviews - Shared by real users.
6. Add a Place - Share new accessible places.
7. Report Inaccurate Info - Flag wrong details.
8. Pre-Visit Alert - Warns users if a place is not accessible.
9. Multi-language Support - Hindi, English, Marathi.

## Advanced & Optional Features

Advanced & Optional Features:

1. Accessible Navigation - Suggests wheelchair-friendly routes.
2. Voice Control & Audio Guide - For visually impaired users.
3. AI-Based Recommendations - Suggests places based on routine.
4. Volunteer Help System - Notify nearby volunteers for help.
5. Book Transport or Medical Help - Call for wheelchair taxi or assistant.
6. Emergency Mode (SOS Button) - Share location, alert family, call helpline.
7. Reward System - Earn points for contributing info.
8. Offline Mode - Use last search data without internet.

9. Accessibility Score - Places rated based on access features.

## **App Flow**

App Flow:

1. Splash Screen - Logo + tagline
2. Onboarding - What Saarthi does
3. Sign Up/Login - Google/Email/Phone login
4. Home Screen - Map view with filters
5. Search Results - List of filtered places
6. Place Details - Info, photos, reviews, report option
7. Add a Place - Upload and submit place info
8. Voice Mode - Voice search & feedback (optional)
9. Community Tab - Share stories, tips (optional)
10. Profile Page - Stats, badges, settings
11. SOS Button - Alert, live location share
12. Admin Panel - Manage content, verify places